

HOURLY READINGS
FROM THE
SELF RECORDING INSTRUMENTS,
AT THE
SEVEN OBSERVATORIES,
IN CONNECTION WITH THE
METEOROLOGICAL OFFICE,

Issued by Authority of the
METEOROLOGICAL COMMITTEE.

DECEMBER. 1877

BAROMETER.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1
1	29.169	29.203	29.240	29.273	29.314	29.347	29.386	29.436	29.479	29.521	29.548	29.575	29.58
2	29.997	.	.	.	30.058	30.083	30.099	30.125	30.157	30.170	30.187	30.184	30.18
3	30.266	30.246	30.227	30.233	30.229	.	.	.	.	30.223	.	30.211	30.18
4	30.032	30.016	29.993	29.977	29.967	29.952	29.954	29.952	29.947	29.941	29.940	29.951	29.95
5	.	.	.	.	.	.	.	.	.	.780	.754	.705	.66
6	29.198	29.161	29.140	29.132	29.125	29.132	29.156	29.207	29.251	.314	.352	.391	.41
7	29.699	29.715	29.735	29.761	29.776	29.792	29.813	29.821	29.841	29.865	29.883	29.884	29.89
8	30.027	30.035	30.048	30.058	30.058	30.068	30.071	30.093	30.099	30.119	30.117	30.108	30.09
9	29.896	29.864	29.833	29.821	29.804	29.796	29.801	29.793	29.786	29.777	29.772	29.748	29.7
10	29.707	29.716	29.711	.711	.724	.723	.733	.760	.782	.813	.839	.874	.9
11	30.042	30.011	30.000	†.971	†.919	†.868	.	.788	.761	†.758	.	†.682	.63
12	29.519	29.550	29.648	.701	.748	.779	.808	.825	.850	.871	.887	.874	.87
13	29.882	29.888	29.883	29.880	29.876	29.875	29.882	29.886	29.896	29.927	29.951	29.966	29.97
14	30.227	30.247	30.273	30.293	30.282	30.294	30.310	30.335	30.358	30.384	30.394	30.394	30.39
15	.322	.300	.277	.251	.234	.213	.199	.191	.187	.219	.226	.236	.26
16	.468	.463	.480	.478	.474	.465	.472	.484	.487	.497	.502	.494	.48
17	.415	.416	.403	.367	.347	.360	.355	.356	.362	.375	.389	.403	.40
18	.572	.581	.588	.588	.574	.575	.570	.575	.579	.576	.572	.557	.53
19	.498	.512	.546	.548	.560	.574	.583	.599	.617	.639	.642	.637	.63
20	.628	.620	.621	.606	.586	.577	.576	.573	.577	.575	.568	.551	.53
21	.501	.492	.496	.500	.484	.484	.487	.488	.486	.488	.485	.473	.45
22	.374	.	.352	.329	.299	.268	.253	.237	.231	.222	.203	.169	.14
23	.059	.092	.133	.169	.182	.189	30.214	30.252	30.279	30.319	30.335	30.325	30.33
24	30.166	30.127	30.109	30.069	30.031	30.003	29.990	29.993	29.984	29.994	29.999	29.998	29.98
25	29.976	29.961	29.946	29.929	29.910	29.882	.869	.866	.845	.825	.797	.770	.70
26	.555	.563	.577	.586	.581	.582	.591	.603	.622	.642	.641	.641	.639
27	.659	.654	.652	.648	.652	.655	.676	.697	.715	.753	.765	.788	.78
28	.927	.904	.901	.867	.819	.760	.737	.722	.693	.698	.701	.693	.66
29	.399	.394	.389	.397	.391	.412	.447	.481	.496	.515	.510	.509	.49
30	29.529	29.543	29.549	29.544	29.532	29.509	29.505	29.518	29.525	29.532	29.524	29.535	29.54
31	30.010	30.046	30.081	30.106	30.116	30.140	30.170	30.197	30.222	30.246	30.250	30.263	30.25

DRY BULB THERMOMETER 12 FEET ABOVE GROUND.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	460	462	465	473	476	481	470	478	479	477	502	501	496	503	495	496	492	488	493	486	484	478	485	484
2	483	478	488	488	490	487	490	487	476	488	494	508	504	510	508	488	466	452	426	425	427	435	428	432
3	417	402	412	403	402	401	401	410	428	446	472	479	481	486	485	477	471	469	467	465	469	469	475	474
4	476	473	473	465	460	465	463	462	461	464	477	484	480	480	481	482	479	475	474	476	472	466	464	463
5	456	456	470	470	474	476	476	479	482	482	492	499	504	503	506	506	504	503	509	534	520	525	529	525
6	529	523	525	523	517	519	521	507	503	504	506	499	498	496	490	486	480	476	471	462	436	453	460	464
7	454	444	447	446	443	443	413	427	396	411	432	447	459	458	448	448	444	437	440	435	450	449	460	464
8	469	469	472	472	474	475	480	480	478	482	487	496	500	498	497	493	494	498	494	495	498	497	500	500
9	503	515	529	533	530	529	526	524	520	523	527	529	529	532	531	513	503	503	505	505	494	492	486	480
10	476	457	450	437	421	435	450	453	465	465	467	466	464	452	467	460	456	452	450	450	452	437	420	417
11	433	433	452	463	466	462	474	479	488	496	506	513	521	522	526	528	529	532	541	529	524	525	496	492
12	501	483	456	456	446	446	405	437	437	406	433	449	444	423	421	404	410	418	401	422	420	406	427	427
13	426	433	431	437	422	418	427	421	412	447	433	447	450	457	455	449	440	433	439	435	425	442	440	453
14	445	443	443	442	436	442	437	420	444	433	425	451	472	466	464	467	427	415	422	413	436	448	470	476
15	478	474	487	494	494	494	493	492	496	491	496	506	520	516	510	502	497	481	481	477	475	472	468	468
16	477	477	476	480	472	473	489	477	474	493	502	503	506	505	507	506	488	478	493	487	497	495	495	494
17	493	494	496	498	493	494	498	496	504	512	520	516	519	519	510	498	487	485	482	487	484	472	467	423
18	407	418	386	396	397	402	421	439	434	452	470	492	498	488	487	486	486	493	513	513	512	517	516	515
19	512	503	499	497	494	492	491	488	488	492	497	504	512	513	518	489	447	434	439	438	447	456	458	462
20	465	465	475	477	492	492	487	486	492	494	499	505	505	506	503	500	489	490	497	494	500	498	500	502
21	502	502	502	504	503	505	504	503	504	506	508	513	512	516	517	516	513	513	514	508	507	505	505	503
22	504	500	497	497	494	495	496	498	496	494	497	502	505	506	503	507	508	512	516	518	521	513	511	485
23	477	472	469	463	450	452	451	457	461	450	454	460	465	467	462	465	442	449	439	431	443	448	456	435
24	446	445	451	456	467	469	478	478	473	481	464	465	479	471	460	456	444	434	443	443	440	431	434	426
25	432	425	431	433	433	420	418	420	407	407	421	428	420	433	428	419	419	410	420	447	457	453	461	462
26	444	444	446	442	434	433	425	444	442	441	417	440	440	448	420	429	411	414	416	416	429	421	408	393
27	395	395	396	393	391	395	392	394	381	389	397	410	418	430	432	425	412	392	395	390	396	395	396	390
28	409	432	436	435	448	463	474	487	518	533	535	526	526	522	519	519	519	520	522	522	520	521	522	523
29	521	525	534	531	519	513	505	503	498	509	506	515	517	514	513	511	510	512	512	512	515	515	515	514
30	516	508	509	502	486	465	463	448	442	439	442	443	453	466	477	482	470	458	460	476	471	460	465	463
31	464	453	460	463	445	438	448	451	443	463	473	485	467	481	487	482	467	466	472	470	472	472	474	473

CISTERN 2.3 FEET ABOVE MEAN SEA LEVEL.													DAYS.
2	3	4	5	6	7	8	9	10	11	MIDT.			
29.627	29.675	29.726	29.764	29.807	29.835	29.856	29.896	29.937	29.954	29.990		1	
30.189	30.191	30.199	30.211	30.233	30.240	30.256	30.253	30.252	30.255	30.265		2	
30.167	30.162	30.147	30.143	30.139	30.124	30.103	30.096	30.077	30.071	30.055		3	
29.928	29.930	29.961	29.955	29.952	29.960	29.963	29.965	29.960	*	*		4	
.609	.551	.496	.437	.385	.339	.304	.293	.274	29.245	29.230		5	
.450	.466	.499	.524	.554	.594	.627	.647	29.663	29.667	29.698		6	
29.900	29.898	29.910	29.919	29.944	29.959	29.969	29.976	30.000	30.006	30.022		7	
30.082	30.072	30.067	30.058	30.052	30.045	30.026	30.006	29.985	29.957	29.924		8	
29.682	29.681	29.691	29.690	29.684	29.682	29.676	29.672	29.674	29.678	29.690		9	
.934	.953	.987	30.011	30.043	30.062	30.077	30.071	30.068	30.061	30.063		10	
.601	.586	.567	29.551	29.540	29.534	29.553	29.552	29.546	29.542	29.529		11	
.885	29.879	29.896	29.877	29.865	29.872	29.875	29.881	29.888	29.880	29.884		12	
29.989	30.004	30.034	30.056	30.086	30.111	30.134	30.154	30.166	30.184	30.211		13	
30.388	.389	.387	.389	.391	.401	.385	.374	.365	.350	.339		14	
.277	.305	.335	.365	.383	.399	.420	.433	.442	.454	.460		15	
.480	.487	.491	.482	.479	.470	.463	.456	.443	.439	.436		16	
.420	.435	.462	.477	.496	.513	.534	.546	.550	.564	.572		17	
.513	.493	.483	.467	.462	.466	.469	.466	.465	.478	.491		18	
.636	.639	.653	.656	.655	.653	.652	.650	.642	.643	.637		19	
.515	.511	.523	.516	.515	.511	.511	.514	.515	.515	.513		20	
.445	.446	.442	.449	.446	.445	.434	.423	.410	.408	.389		21	
.111	.094	.087	.075	.054	.043	.028	.020	.013	.021	.034		22	
30.322	30.326	30.337	30.325	30.326	30.320	30.304	30.272	30.238	30.218	30.187		23	
29.978	29.981	29.989	29.992	29.987	29.996	29.991	29.993	29.990	29.985	29.984		24	
.638	.585	.535	.494	.502	.518	.531	.533	.538	.541	.548		25	
.636	.644	.660	.661	.668	.676	.685	.682	.681	.671	.664		26	
.802	.810	.845	.856	.886	.906	.924	.940	.955	.941	.935		27	
.646	.626	.598	.573	.548	.527	.500	.477	.455	.444	.414		28	
.502	.505	.520	.523	.529	.540	.550	.553	.556	.547	.541		29	
29.563	29.586	29.627	29.667	29.724	29.771	29.816	29.854	29.895	29.930	29.970		30	
30.259	30.264	30.261	30.257	30.253	30.252	30.248	30.241	30.233	30.218	30.191		31	

WET BULB THERMOMETER 12 FEET ABOVE GROUND.																								
1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
37	43.4	42.9	43.2	42.8	44.1	45.2	45.8	46.2	45.5	47.1	47.2	47.5	47.4	48.3	45.6	45.9	45.8	45.8	45.1	45.6	45.3	45.4	45.3	1
56	45.8	46.3	46.9	46.6	46.7	47.0	46.8	46.0	46.9	47.6	48.4	48.3	47.7	48.1	46.1	46.6	46.5	41.2	41.8	42.0	42.0	41.4	41.4	2
04	39.0	39.7	38.6	38.2	38.6	39.0	40.3	41.6	43.3	44.6	45.4	45.5	45.6	46.0	45.3	44.7	44.7	44.4	44.2	44.6	44.7	44.9	44.8	3
49	45.0	45.1	45.0	44.9	45.8	45.4	45.4	45.2	45.3	46.0	46.2	46.7	46.8	46.9	46.7	46.7	46.4	46.4	46.4	46.4	46.2	45.7	45.6	4
49	44.8	45.4	45.8	46.4	46.5	46.2	46.3	46.9	46.8	47.3	48.3	48.7	49.0	49.6	49.6	49.5	49.8	50.4	52.7	52.6	51.8	52.1	51.9	5
18	51.8	51.7	50.4	50.8	51.3	50.3	49.0	48.3	47.4	46.9	45.0	44.9	44.3	43.9	43.8	43.2	42.5	42.9	42.4	41.2	41.0	40.1	40.9	6
29	40.9	41.1	41.0	40.3	39.7	38.1	38.7	38.0	39.2	40.7	40.0	40.0	39.7	40.5	39.7	40.1	40.8	40.6	40.0	41.2	41.7	41.8	42.4	7
25	43.0	43.4	43.5	43.8	44.0	44.7	44.8	44.8	45.1	45.8	46.9	46.7	46.6	46.2	46.5	47.9	48.5	48.7	48.9	49.0	49.2	49.3		8
99	51.1	52.2	52.4	52.4	52.3	52.0	51.9	51.7	51.7	51.9	52.2	52.1	52.3	52.3	50.8	49.5	49.4	50.0	50.2	48.8	48.9	48.3	47.7	9
72	45.2	44.6	43.4	41.7	43.2	44.5	44.6	45.3	44.9	44.6	43.6	43.4	42.8	42.6	42.0	40.7	40.2	39.8	39.8	40.0	39.3	38.4	37.9	10
95	40.3	41.4	42.5	43.0	44.2	45.2	46.3	47.5	48.5	49.8	50.6	51.4	51.7	52.0	52.1	52.3	52.4	53.2	51.8	50.6	50.0	48.3	46.8	11
70	45.5	42.8	42.9	41.7	40.8	38.0	39.8	38.7	38.2	40.5	40.4	39.3	39.3	39.4	37.7	38.9	39.1	37.4	39.2	38.3	38.4	38.4	39.6	12
92	38.9	39.2	39.4	39.1	39.2	39.3	39.6	38.7	40.2	39.4	39.5	41.2	41.2	41.0	41.1	40.1	40.8	39.5	40.2	40.4	40.2	40.7	40.6	13
07	40.6	41.2	41.2	41.0	41.3	40.3	39.5	40.7	40.5	40.5	43.2	44.3	43.5	43.8	43.0	41.0	40.0	40.2	40.1	42.0	43.2	44.6	44.8	14
51	45.7	46.2	46.2	46.2	47.0	47.4	47.5	48.3	48.3	48.9	49.6	49.9	47.8	47.7	46.6	46.9	46.3	46.5	46.2	46.2	45.8	45.5	45.4	15
62	46.2	46.4	46.9	46.1	46.2	47.0	46.3	46.2	47.6	48.8	48.6	49.1	48.1	47.7	47.6	46.4	46.6	46.8	46.7	46.9	47.0	46.9	47.0	16
71	47.1	47.0	47.0	47.0	47.3	48.1	48.9	49.9	50.7	51.4	50.8	50.4	49.7	48.5	47.8	46.7	46.4	46.3	46.4	46.1	45.1	45.2	41.5	17
01	41.0	38.5	39.2	39.2	39.7	41.4	43.2	42.6	44.5	45.7	46.2	47.3	47.4	47.8	48.0	48.2	48.8	50.9	51.1	51.0	51.6	51.4	51.3	18
08	50.0	49.4	49.2	48.9	48.4	48.3	47.4	47.8	48.2	47.3	47.6	47.6	47.0	46.5	45.4	45.2	41.8	42.4	42.4	43.0	43.7	44.0	44.4	19
47	44.8	46.1	46.2	46.9	47.2	48.0	48.0	48.6	48.9	49.4	49.9	50.1	50.3	49.6	48.8	47.9	47.1	48.3	47.7	48.3	48.4	48.6	48.8	20
93	49.4	49.7	49.8	49.9	50.0	49.9	50.0	50.2	50.4	50.7	51.2	51.2	51.4	51.6	51.8	51.3	51.2	51.2	50.7	50.4	50.0	49.8	49.6	21
90	48.2	47.6	48.4	48.8	48.7	48.7	48.6	48.7	48.7	49.0	48.8	49.1	49.4	50.0	50.5	50.7	51.0	51.2	50.6	50.7	50.4	50.2	48.2	22
63	44.0	43.3	41.2	41.0	40.5	41.1	41.4	41.7	41.8	42.1	42.5	42.7	42.0	42.6	42.8	41.0	41.4	42.3	41.3	42.0	41.9	42.0	42.4	23
26	43.4	43.3	43.9	44.0	44.8	45.7	45.4	45.0	45.3	44.2	42.4	42.5	41.4	41.0	40.4	41.3	40.9	40.0	40.3	40.9	39.5	40.3	39.9	24
94	39.1	39.9	39.5	40.0	39.2	39.0	39.4	38.8	39.4	40.9	41.4	40.8	42.0	42.2	41.6	41.4	40.6	41.1	43.0	42.3	42.7	42.8	42.5	25
18	40.8	40.6	39.9	40.1	40.1	39.8	39.9	40.0	40.5	39.8	40.2	40.6	40.2	40.5	39.9	39.0	38.9	39.3	39.0	38.9	38.9	38.6	37.7	26
85	38.2	38.0	37.8	37.8	38.1	37.7	38.3	37.1	37.6	38.4	39.0	40.0	40.6	40.6	40.7	40.1	38.4	38.7	38.0	38.1	38.4	38.0	37.6	27
93	41.4	41.6	42.8	43.9	45.2	47.0	48.3	51.4	52.2	52.3	51.5	51.6	51.4	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.6	51.5	28
16	51.6	51.4	50.8	50.3	49.6	47.0	46.8	46.7	48.1	48.7	48.9	49.4	49.3	49.0	49.2	49.0	48.9	49.0	49.0	49.1	49.2	49.3	49.4	29
91	48.3	48.4	48.4	44.7	44.4	44.7	43.2	42.8	42.6	43.2	42.7	43.3	44.6	44.6	43.2	43.6	43.3	43.7	43.7	43.4	43.2	43.0	43.2	30
28	42.6	42.7	42.8	42.4	42.2	42.7	42.2	42.7	42.7	43.5	44.3	44.7	45.0	43.8	44.8	44.4	43.8	44.1	44.7	44.2	44.5	44.4	44.7	31



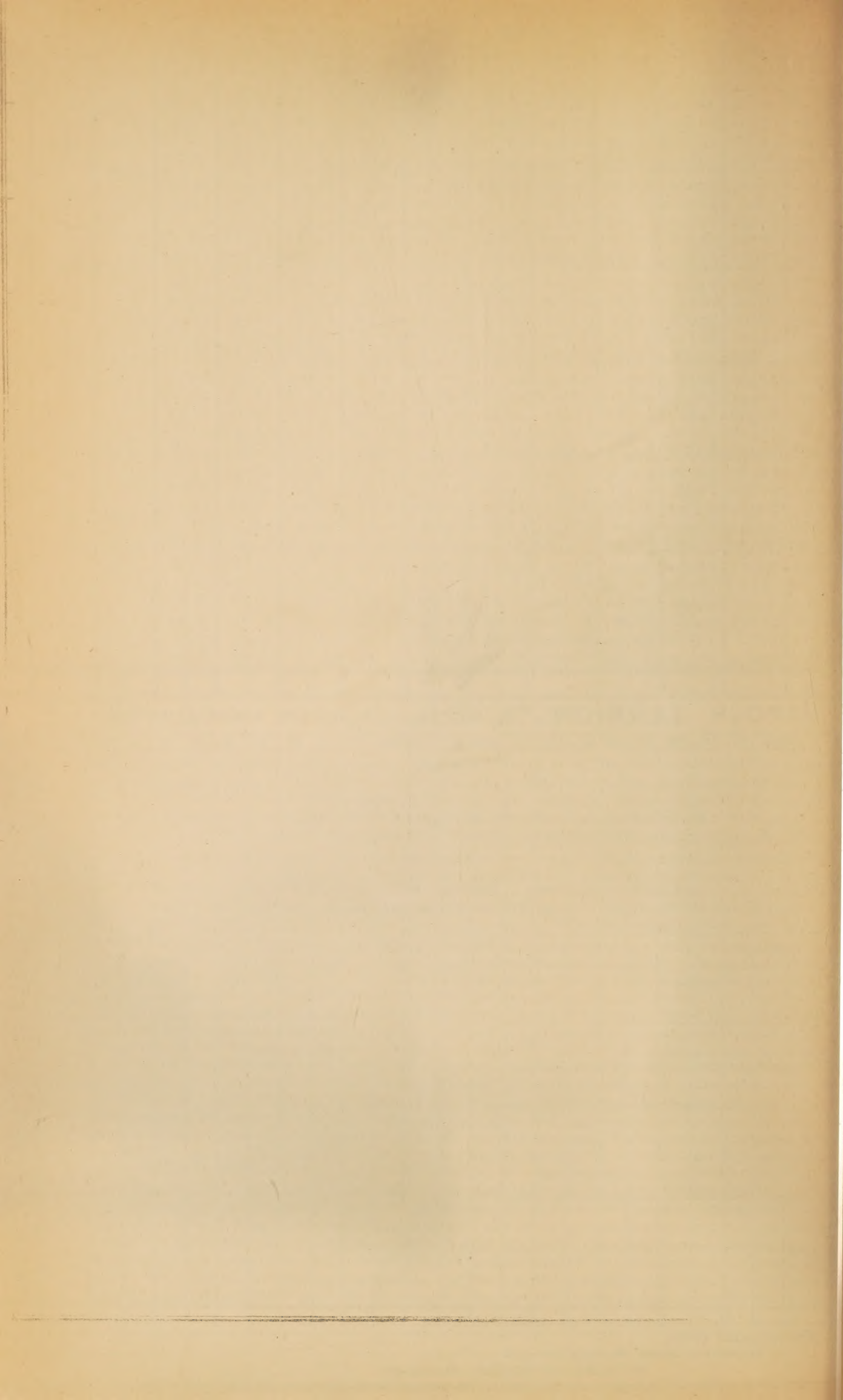
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WIND																		DIRECTION IN NUMBERS										8-E 16-S		24-W 32-N	
DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		1						
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V					
1	30	14	30	16	29	22	29	23	29	24	28	25	29	27	30	22	29	24	29	21	28	24	27	23	29	18					
2	31	8.5	31	7.5	31	4.5	31	6.5	31	7.5	31	4	31	7.5	31	7.5	31	4.5	31	9.5	31	6.5	31	6.5	31	4					
3	9	4.5	9	8.5	10	13	11	4.5	17	4.5	15	6.5	15	2	15	4.5	15	5.5	18	4.5	10	13	12	17	12	18					
4	13	27	13	21	13	20	13	17	11	14	13	15	12	11	11	10.5	10	10.5	9	14	11	19	11	19	12	17					
5	12	6.5	12	4	20	3	18	4	17	6.5	14	9.5	13	13	12	13	12	21	13	22	11	25	12	35	12	40					
6	18	35	18	37	19	42	20	38	21	36	21	37	23	37	23	31	24	35	24	34	23	33	24	35	23	37					
7	23	25	25	21	24	18	26	15	27	10.5	26	16.5	26	7.5	26	14	27	9.5	25	9.5	26	17	25	16	25	22					
8	23	21	22	22	22	23	22	18	22	20	22	23	21	24	21	21	20	21	20	26	19	27	18	25	19	25					
9	14	35	15	40	16	46	17	43	16	41	17	44	16	38	16	42	15	36	17	37	16	39	17	36	16	34					
10	27	15	27	15	27	2	27	4.5	32	2	1	4	21	4.5	21	2	26	4.5	26	16	27	22	27	27	28	25					
11	19	13	19	16	19	27	18	33	18	39	17	39	17	46	17	46	17	54	17	55	17	54	17	56	18	59					
12	21	40	24	37	27	36	27	32	27	34	27	27	24	25	23	23	24	28	23	19	24	24	23	30	25	26					
13	25	24	25	25	24	24	25	27	24	23	25	30	26	28	24	24	26	19	25	20	26	22	27	22	29	20					
14	28	12	27	14	28	9.5	29	10.5	27	8.5	28	8.5	28	10.5	29	7.5	27	8.5	29	3	26	15	21	4	21	4.5					
15	17	30	17	30	17	33	17	39	17	39	17	40	18	45	17	43	18	47	19	43	19	40	24	16	26	14					
16	25	6.5	25	5.5	27	3	27	4	27	4	*	3	*	7.5	*	5.5	*	6.5	*	9.5	22	10.5	22	11	22	13					
17	19	23	20	21	20	24	19	22	21	21	19	20	19	20	*	22	*	26	*	18	23	17	26	16	26	15					
18	28	2	28	4	28	2	28	4	31	4	31	5.5	12	8.5	12	12	13	11	13	9.5	14	12	18	14	16	19					
19	28	12	29	14	30	10.5	29	10.5	30	8.5	30	7.5	30	6.5	30	5.5	30	4.5	30	4	1	4	1	4	1	2					
20	13	11	13	11	13	12	14	11	16	13	16	16	17	17	16	18	17	20	17	19	17	26	17	25	18	27					
21	22	12	22	13	21	10.5	22	12	22	11	22	10.5	22	12	22	10.5	22	11	22	14	22	16	22	11	22	16					
22	20	19	21	13	21	19	20	20	21	27	20	27	20	25	20	27	20	27	21	24	21	29	21	31	22	31					
23	32	23	32	21	32	21	32	21	32	20	32	18	32	13	32	15	31	14	32	12	29	14	32	13	29	9.5					
24	24	26	24	27	24	29	24	27	25	30	24	27	26	28	27	26	27	25	28	20	29	19	30	21	28	23					
25	29	14	29	14	27	14	29	16	28	13	29	15	31	8.5	31	6.5	31	4	31	2	30	3	20	9.5	20	4.5					
26	27	27	26	29	27	27	27	24	28	24	28	25	27	24	26	24	27	26	27	16	27	26	27	24	27	23					
27	10	4.5	10	4.5	10	4.5	10	2	4	4.5	4	2	4	4	4	1.5	4	1.5	4	1.5	5	1.5	5	1.5	5	1.5					
28	11	16	12	20	10	16	12	24	12	28	12	37	13	38	14	32	20	41	21	30	20	44	20	37	20	40					
29	19	37	19	37	21	40	20	38	22	30	22	33	23	27	22	22	22	21	21	20	20	30	21	30	21	34					
30	20	36	20	26	21	25	19	26	23	16	22	3	11	6.5	29	6.5	29	8.5	30	5.5	32	3	26	3	27	5.5					
31	27	12	28	9.5	27	10.5	27	12	25	8.5	27	7.5	27	7.5	25	6.5	25	4	23	8.5	23	9.5	22	15	20	17					

RAINFALL												GAUGE { HEIGHT ABOVE GROUND 2 FEET HEIGHT ABOVE MEAN SEA LEVEL 11 FEET.													
DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	
1	.008	.002	.007	.002	.001	.	.032	.038	.058	.002	.	.	.005	.003	.	.	.	.	.	.	.	.	.	.	
2	.001	.001	.001	.001	.001	.001	.001	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
4	.	.	.	.032	.038	.060	.050	.010	.005	.005	.	.	.003	.005	.001	.001	.001	.001	.001	.001	.001	.	.	.	
5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.018	.017	.060	.212	.278	.093	.007	.	.	.
6	.005	.012	.013	.002	.033	.008	.010	.003	.017	.	.	.	.	.	.	.	.	.	.	.008	.002	.015	.001	.001	.001
7	.002	.005	.005	.	.	.	.	.	.012	.018	.	.	.	.	.	.	.	.	.	.012	.	.	.	.	.
8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.082	
9	.112	.086	.063	.035	.050	.012	.	.005	.021	.052	.056	.088	.150	.250	.162	.046	.002	.	.013	.012	.003	.012	.002	.002	
10	.002	.001	.001	.005	.002	.001	.042	.	.	.	.	.025	.	.	.	.	.	.	.028	.002	.	.	.	.	.
11	.	.	.	.	.	.050	.022	.023	.075	.097	.050	.025	.018	.155	.057	.013	.067	.023	.035	.	.	.	.	.012	.023
12	.007	.018	.002	.018	.	.	.075	.005	.	.015	.025	.005	.002	.002	.002	.017	.002	.013	.022	.003	.010	.020	.010	.002	
13	.	.	.012	.006	.015	.017	.028	.040	.	.	.	.	.	.	.	.018	.	.	.	.	.001	.001	.	.	.
14	.001	.002	.002	.002	.002	.001	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
15	.002	.002	.005	.001	.002	.018	.082	.068	.090	.130	.055	.020	.	.	.	.	.	.	.	.	.	.	.	.	.
16	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
17	.	.	.	.	.	.	.	.	.030	.018	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.
18	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.042	.010	.030	.000	.023	.030	.050	.005	.010	.020	.023
19	.004	.003	.001	.001	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
20	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.004	.016	.	.	.	.	.	.	.	.
21	.	.	.	.015	.020	.	.017	.013	.035	.015	.002	.003	.010	.020	.010	.005	.	.015	.025	.010	.	.	.	.	.
22	.	.	.	.	.	.	.	.003	.003	.002	.007	.	.	.	.	.	.003	.005	.	.	.	.	.003	.029	.010
23	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.	.	.	.	.	.	.	.	.	.	.	.	.	.
24	.012	.006	.002	.005	.007	.003	.	.013	.	.002	.020	.	.	.	.	.	.012	.020	.003	.	.	.	.	.005	
25	.003	.004	.	.003	.	.008	.	.002	.019	.	.	.022	.058	.	.058	.182	.025	.005	.	.	.002	.003	.025	.020	
26	.	.026	.003	.002	.012	.001	.001	.006	.	.	.010	.	.003	.003	.024	.005	.005	.	.	.001	.001	.001	.001	.001	
27	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
28	.	.	.	.018	.007	.025	.150	.135	.095	.027	.010	.010	.025	.067	.028	.025	.023	.029	.025	.068	.060	.	.	.	
29	.005	.001	.001	.001	.001	.003	.008	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30	.	.	.	.	.032	.030	.077	.137	.100	.050	.025	.	.005	.	.	.	.	.005	.005	.	.	.	.	.	
31	.001	.001	.001	.002	.002	.013	.008	.014	.	.	.	.002	.003	.	.	.	.	.	.	.	.	.	.	.	.

AND VELOCITY IN MILES PER HOUR																			
2		3		4		5		6		7		8		9		10		11	
D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
29	20	30	22	30	20	31	17	31	17	30	17	30	17	31	95	31	95	31	11
2	45	3	2	3	2	3	2	3	2	3	4	3	2	3	3	3	3	4	3
12	14	13	14	13	14	12	16	12	14	12	19	11	17	11	20	11	16	13	20
13	24	12	16	11	105	13	14	13	105	12	105	11	75	12	85	12	85	12	85
13	40	13	43	13	41	13	46	13	40	14	40	17	40	19	37	18	35	18	34
24	37	23	35	24	38	25	34	24	33	24	33	26	20	25	23	24	27	24	26
25	20	25	15	25	16	25	14	26	12	26	15	26	12	24	14	25	16	23	19
19	26	17	26	17	28	17	23	16	21	17	26	15	26	14	30	14	30	14	34
17	36	18	34	19	18	20	105	17	95	17	14	18	16	25	75	24	95	25	65
27	27	28	23	29	25	27	22	27	20	27	20	27	16	27	16	27	105	27	75
18	55	19	54	19	52	19	50	20	48	22	47	21	34	21	37	21	39	21	35
24	24	22	26	26	21	25	11	22	28	23	18	26	18	26	24	24	17	24	23
27	18	28	15	27	18	28	17	30	16	26	16	29	12	30	12	27	11	28	14
24	4	24	2	21	15	21	2	21	2	15	3	15	105	14	16	14	19	15	23
27	16	27	11	27	12	26	11	26	4	26	75	26	4	26	4	26	65	26	65
22	16	23	12	23	85	23	55	23	4	22	11	22	13	20	19	20	22	21	19
26	18	27	14	28	105	28	95	28	85	28	75	28	65	28	75	28	75	28	3
14	17	13	16	14	21	14	23	14	20	21	14	22	12	22	12	23	16	24	12
1	3	1	3	1	2	1	15	1	3	9	75	7	2	12	105	13	105	13	95
19	23	21	21	23	17	20	13	22	14	21	13	21	11	22	11	22	95	23	105
22	12	22	11	23	85	23	4	23	75	23	95	23	11	23	105	22	85	22	105
22	31	22	29	22	28	22	26	22	25	22	30	23	29	23	21	24	23	26	19
28	11	28	75	27	11	27	65	27	12	25	12	25	105	24	16	23	20	23	25
28	26	29	20	29	21	28	18	29	19	29	16	30	16	31	17	28	15	28	14
19	85	15	45	9	65	3	105	1	45	29	12	26	23	27	23	26	28	27	26
27	25	26	22	28	24	28	21	27	18	29	17	28	13	29	14	31	95	32	4
5	15	5	15	5	15	5	15	5	15	5	2	5	3	9	45	10	55	11	95
19	35	19	32	18	37	18	40	18	40	18	42	17	46	18	42	18	42	18	38
21	28	21	27	21	29	21	30	21	31	21	29	21	32	20	34	20	30	19	34
27	75	28	14	27	16	28	20	29	13	30	15	28	18	28	14	27	15	27	12
21	16	22	12	20	12	17	95	18	11	17	19	18	17	17	20	16	20	14	20

VAPOUR TENSION. IN INCHES, BY GLAISHER'S TABLES, 5TH EDITION.																			
1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8
259	250	236	224	224	244	280	283	291	279	286	290	293	292	256	261	272	257	269	260
274	272	285	298	289	294	298	297	290	298	307	314	313	292	303	280	271	262	242	257
236	224	225	215	209	217	225	242	249	265	264	273	273	271	280	274	267	269	266	263
266	271	273	281	285	293	293	294	291	289	289	286	302	304	306	300	303	301	303	300
290	287	284	293	303	303	275	293	305	302	303	318	325	331	343	343	343	352	359	388
370	379	373	341	360	370	342	326	314	291	278	246	245	236	233	234	228	219	230	231
209	218	219	218	208	198	197	195	211	218	226	199	191	186	208	194	204	223	216	210
225	234	239	241	245	248	251	259	261	263	265	284	282	281	277	283	310	330	333	335
354	371	381	381	386	384	380	379	380	376	375	381	378	380	381	365	344	341	354	360
220	296	289	278	259	276	287	286	288	279	270	250	248	247	228	225	205	199	194	196
283	218	220	232	237	267	275	293	312	327	348	360	371	377	380	380	384	383	393	370
205	272	244	246	231	215	202	205	186	205	222	205	190	209	213	198	213	211	195	209
205	192	200	198	207	213	205	217	208	203	201	191	218	213	210	217	207	227	198	214
206	208	225	226	228	228	214	216	214	222	230	256	258	248	256	257	237	230	227	234
267	286	283	276	276	293	304	308	322	329	337	343	333	287	292	276	284	291	296	294
294	294	300	307	298	299	299	296	298	308	327	321	330	306	295	294	287	302	290	294
296	295	291	292	294	300	315	337	353	363	372	361	346	329	311	300	294	290	290	285
241	247	232	235	234	239	253	271	264	285	291	278	295	310	321	332	339	367	373	371
266	357	346	343	340	329	329	310	320	324	297	296	288	273	266	264	261	247	253	254
274	277	295	294	294	301	326	327	335	340	346	352	358	360	346	329	321	300	321	310
40	343	351	351	354	354	353	357	361	363	369	373	377	377	381	380	378	373	374	369
30	314	304	323	337	334	332	327	332	335	338	327	331	338	357	365	369	371	371	354
95	251	240	208	214	205	215	216	219	229	232	235	232	217	234	235	222	223	251	239
50	268	259	267	257	272	281	274	267	269	264	227	216	203	207	200	226	228	203	208
02	204	212	203	212	211	209	214	214	226	242	244	241	252	261	259	255	248	247	257
36	216	211	201	213	214	216	200	203	214	224	209	216	202	235	214	214	210	216	210
22	216	211	211	213	214	210	220	209	211	218	215	227	226	224	233	235	224	226	218
22	240	240	260	276	288	318	334	375	375	376	367	367	369	370	370	370	372	369	372
76	370	352	341	344	344	340	329	329	320	314	324	326	319	327	323	318	320	319	321
18	308	310	317	252	268	276	260	259	258	267	255	257	271	259	227	245	252	259	241
36	242	238	237	246	250	249	258	255	235	240	245	272	262	233	257	266	255	253	268



BAROMETER.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1
1	28.821	28.847	28.872	28.907	28.941	28.964	29.003	29.042	29.073	29.110	29.152	29.173	29.21
2	29.692	29.718	29.750	29.782	29.807	29.836	29.865	29.897	29.935	29.966	29.984	30.001	30.00
3	30.118	30.110	30.103	30.111	30.120	30.126	30.104	30.111	30.110	30.105	30.087	30.080	30.07
4	29.015	29.874	29.884	29.863	29.855	29.838	29.830	29.834	29.834	29.830	29.823	29.799	29.79
5	29.775	29.761	29.758	29.759	29.756	29.741	29.745	29.736	29.731	29.707	29.686	29.664	29.62
6	29.070	29.035	29.003	28.982	28.951	28.905	28.873	28.853	28.842	28.839	28.846	28.859	28.88
7	29.388	29.343	29.387	29.419	29.433	29.406	29.478	29.494	29.506	29.529	29.553	29.547	29.54
8	29.073	29.680								29.762	29.761	29.759	29.75
9	29.070	29.742	29.731	29.722	29.694	29.666	29.650	29.636	29.634	29.626	29.607	29.595	29.58
10	29.634	29.463	29.461	29.472	29.48	29.497	29.521	29.540	29.559	29.568	29.576	29.573	29.57
11	29.738	29.772	29.750	29.743	29.722	29.706	29.693	29.662	29.614	29.585	29.538	29.459	29.41
12	29.163	29.151	29.138	29.116	29.090	29.203	29.268	29.340	29.397	29.423	29.463	29.472	29.47
13	29.486	29.487	29.476	29.466	29.464	29.460	29.471	29.485	29.518	29.519	29.544	29.577	29.58
14	29.842	29.868	29.897	29.920	29.942	29.964	29.980	30.008	30.029	30.054	30.072	30.085	30.08
15	30.140	30.127	30.118	30.094	30.071	30.067	30.042	30.034	30.013	30.01	29.972	29.923	29.87
16	29.054	29.036	29.047	29.039	29.052	29.040	29.068	29.079	29.096	29.120	29.113	29.112	29.12
17	29.123	29.112	29.094	29.078	29.048	29.041	29.023	29.017	29.024	29.066	29.099	29.005	29.02
18	29.289	29.311	29.312	29.308	29.312	29.321	29.320	29.321	29.330	29.337	29.338	29.333	29.31
19	29.222	29.238	29.249	29.266	29.275	29.284	29.303	29.338	29.382	29.375	29.300	29.380	29.39
20	29.419	29.407	29.406	29.386	29.363	29.354	29.343	29.341	29.332	29.317	29.288	29.272	29.24
21	29.204	29.196	29.211	29.208	29.204	29.198	29.206	29.194	29.194	29.197	29.187	29.170	29.15
22	29.032	29.003	29.975	29.954	29.921	29.880	29.838	29.837	29.802	29.760	29.742	29.698	29.67
23	29.737	29.706	29.600	29.521	29.421	29.345	29.268	29.197	29.13	29.030	29.952	29.852	29.76
24	29.073	29.612	29.540	29.536	29.488	29.457	29.469	29.466	29.494	29.541	29.562	29.585	29.58
25	29.647	29.628	29.627	29.604	29.591	29.559	29.555	29.538	29.533	29.521	29.500	29.459	29.43
26	29.072	29.093	29.089	29.075	29.091	29.097	29.110	29.127	29.129	29.158	29.160	29.157	29.14
27	29.315	29.321	29.329	29.329	29.328	29.335	29.353	29.366	29.387	29.412	29.435	29.443	29.45
28	29.714	29.710	29.730	29.737	29.732	29.703	29.684	29.681	29.666	29.661	29.633	29.570	29.52
29	29.138	29.127	29.118	29.098	29.076	29.062	29.064	29.076	29.100	29.135	29.166	29.182	29.17
30	29.255	29.244	29.247	29.259	29.255	29.254	29.285	29.282	29.288	29.293	29.304	29.292	29.28
31	29.519	29.668	29.712	29.744	29.765	29.803	29.841	29.872	29.896	29.919	29.944	29.965	29.95

DRY BULB THERMOMETER 4 FEET ABOVE GROUND.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	38.4	36.7	37.0	37.3	36.6	35.7	35.9	36.8	36.9	38.7	40.9	43.1	44.0	45.0	44.0	43.7	41.9	42.6	42.0	41.5	41.0	41.1	41.1	39.1
2	40.9	39.8	39.9	37.8	36.2	35.3	35.0	34.1	34.9	35.4	37.8	39.0	40.1	41.3	41.0	39.2	38.3	37.8	37.1	36.1	36.3	32.2	31.1	30.7
3	30.1	31.2	32.1	32.8	33.3	34.2	34.1	33.9	36.0	38.0	40.9	42.0	42.7	43.2	43.7	42.9	41.6	41.7	42.2	41.1	43.0	43.0	43.4	42.9
4	41.8	42.9	42.7	42.4	42.9	43.0	43.0	42.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
5	35.8	36.3	36.4	36.3	36.9	39.0	39.1	39.1	40.0	42.3	43.1	44.6	46.3	45.9	45.9	46.0	46.0	45.9	46.0	46.1	46.0	43.3	42.9	43.0
6	40.1	45.2	46.0	46.9	47.6	48.4	48.8	49.0	49.0	49.5	49.6	49.9	49.3	49.3	48.1	46.9	45.9	46.1	41.9	41.9	40.5	41.4	42.3	41.0
7	40.1	40.8	40.6	40.0	37.7	38.2	36.9	35.8	36.0	37.0	37.9	37.9	38.0	38.5	38.9	36.9	36.2	36.5	35.8	35.9	36.1	36.4	37.0	37.8
8	38.2	38.2	38.4	38.7	39.0	40.0	41.6	42.1	43.2	44.0	45.0	45.2	45.8	45.9	45.8	45.5	45.2	44.9	44.0	43.4	42.1	41.9	41.1	42.2
9	43.2	42.7	42.7	42.6	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
10	49.0	49.0	49.2	49.2	48.3	47.7	47.4	46.6	46.1	45.5	45.9	45.9	45.9	45.8	45.9	45.9	45.8	44.7	44.4	44.1	43.3	42.1	40.9	40.2
11	38.5	37.6	37.4	36.9	36.2	36.9	37.3	37.8	38.3	38.3	39.7	41.0	43.0	44.7	46.5	47.2	48.5	49.5	50.6	50.6	49.7	49.0	49.4	49.4
12	48.0	47.0	46.3	46.5	45.0	44.1	40.2	40.2	39.0	38.8	39.0	39.4	37.7	40.2	37.8	37.8	37.8	37.1	36.2	35.7	35.0	35.4	35.3	35.5
13	35.5	35.6	35.4	35.3	36.1	35.8	35.1	35.1	35.6	35.0	36.7	37.3	36.7	37.5	37.8	36.6	36.6	37.3	37.0	36.1	36.3	36.2	36.2	36.9
14	35.7	36.4	35.7	34.2	35.9	34.4	33.6	33.9	34.7	35.9	37.6	38.9	40.0	40.1	40.3	39.0	37.6	36.7	36.1	36.0	35.7	35.3	35.1	35.1
15	35.8	34.5	36.6	37.7	37.0	37.3	38.4	38.1	39.1	40.0	41.1	42.6	43.7	44.6	44.9	44.0	42.9	42.9	43.3	42.9	42.0	42.5	41.7	41.9
16	42.3	43.2	45.0	43.9	44.3	45.6	46.4	46.8	47.0	47.3	48.0	48.0	48.7	48.9	48.5	48.2	47.8	47.3	47.0	46.2	46.0	45.1	45.7	45.5
17	46.0	45.9	45.7	45.6	45.7	46.0	46.0	46.0	46.0	46.0	46.4	46.3	47.9	48.8	48.4	46.3	45.7	44.1	43.2	42.8	42.1	41.6	41.0	40.1
18	39.0	38.4	38.1	38.1	38.8	38.3	39.4	40.6	41.0	41.7	42.2	42.9	43.0	43.1	43.0	42.1	41.0	41.4	41.0	41.0	40.9	41.0	41.6	41.7
19	42.4	43.2	43.0	42.4	42.4	44.4	44.3	45.0	44.6	45.0	44.6	46.1	46.3	46.2	45.0	44.1	44.2	44.5	44.4	44.3	44.1	43.3	42.6	42.0
20	41.2	42.0	43.5	43.4	43.3	40.8	41.9	41.7	42.8	42.7	43.0	43.3	44.5	43.2	44.3	45.4	45.0	46.1	46.5	46.1	46.2	46.3	46.5	46.9
21	46.0	47.0	47.0	47.2	47.4	47.4	47.3	47.2	47.6	47.7	48.1	48.2	48.5	48.8	49.0	49.1	49.2	49.1	49.3	49.4	49.2	49.3	49.0	48.9
22	48.4	48.8	49.0	48.6	47.7	47.0	46.0	47.0	47.7	48.3	49.0	49.0	49.2	49.1	49.3	49.8	50.0	50.0	50.0	49.5	46.5	46.3	43.0	42.3
23	41.4	40.8	39.2	39.1	39.2	39.1	38.5	38.2	37.0	39.0	40.0	41.0	41.9	42.2	41.4	40.9	40.3	39.7	40.7	40.5	40.9	41.0	41.2	41.7
24	41.6	42.4	42.3	42.4	42.6	42.6	40.0	37.2	39.6	37.9	37.3	38.0	38.4	39.5	38.3	36.6	35.7	34.7	34.0	33.3	33.2	32.4	31.9	32.7
25	33.0	33.4	33.7	33.7	33.7	33.7	32.5	32.9	33.2	33.3	34.2	35.0	35.7	35.5	35.9	35.9	35.0	35.2	35.0	35.2	35.2	35.8	34.0	35.0
26	31.2	35.1	35.0	33.9	33.9	33.0	33.3	32.8	32.9	33.2	32.7	33.1	33.0	33.0	32.6	31.3	31.7	31.1	30.8	30.9	30.7	30.1	30.2	30.7
27	31.1	30.7	31.3	31.6	31.1	32.2	32.0	31.2	31.1	31.2	31.8	32.6	32.9	33.0	33.0	32.9	32.2	31.5	32.3	31.7	32.8	33.0	33.2	33.7
28	33.4	32.4	31.1	31.1	31.8	32.0	32.4	33.6	35.5	34.0	32.6	33.9	36.9	35.4	38.2	40.0	40.8	41.3	43.0	44.3	45.8	46.0	46.9	47.5
29	48.0	48.9	48.6	48.6	47.4	49.2	48.8	48.8	48.3	47.0	46.5	45.7	47.6	47.8	47.5	47.2	46.9	46.1	46.0	45.9	45.5	45.8	45.2	45.4
30	46.1	46.0	46.1	46.0	46.1	43.9	43.3	43.4	43.6	43.7	43.9	44.0	43.8	43.0	42.3	41.9	40.3	40.0	40.0	38.9	38.6	38.4	36.7	37.5
31	37.1	36.9	35.9	35.9	38.1	34.5	34.9	35.2	35.0	35.7	38.0	39.6	40.8	41.3	41.8	40.7	39.2	39.0	39.1	39.9	40.0	39.9	40.6	41.0

CISTERN 207 FEET ABOVE MEAN SEA LEVEL.

2	3	4	5	6	7	8	9	10	11	MIDT.		DAYS
29.257	29.298	29.349	29.391	29.444	29.475	29.502	29.559	29.597	29.632	29.678		1
30.003	30.014	30.040	30.058	30.076	30.094	30.097	30.112	30.115	30.121	30.119		2
30.048	30.033	30.036	30.036	30.023	30.012	29.998	29.980	29.961	29.940	29.934		3
29.791	29.793	29.784	29.778	29.784	29.783	784	783	789	789	775		4
29.609	29.573	29.541	506	458	429	391	339	295	250	156		5
28.920	28.962	28.997	026	032	015	010	054	160	216	271		6
29.539	29.548	29.555	569	588	597	611	619	627	646	665		7
768	766	774	775	797	786	807	814	798	798	796		8
589	558	552	535	526	523	507	496	485	470	465		9
582	595	604	633	648	667	688	703	715	740	764		10
329	297	274	248	218	216	224	216	205	193	178		11
498	505	494	505	511	517	515	524	515	509	511		12
29.585	29.597	29.615	29.641	29.666	29.704	29.730	29.753	29.772	29.800	29.821		13
30.089	30.103	30.117	30.143	30.131	30.138	30.136	30.139	30.135	30.141	30.145		14
29.905	29.717	29.959	29.980	013	032	060	057	056	065	062		15
30.129	30.152	30.159	30.173	166	169	154	153	141	132	122		16
036	086	109	138	165	180	213	232	247	263	277		17
310	292	284	266	254	250	235	235	230	218	213		18
407	411	420	424	424	430	436	442	437	433	426		19
225	224	209	201	198	194	193	201	197	199	203		20
30.149	30.141	30.136	30.133	30.125	30.121	30.112	30.088	30.087	30.075	30.062		21
29.651	29.635	29.627	29.601	29.583	29.564	29.573	29.617	29.660	29.687	29.717		22
956	955	953	944	928	913	874	841	803	756	712		23
591	616	630	636	653	662	657	654	645	650	649		24
387	350	323	295	267	236	195	167	131	102	075		25
170	174	195	219	236	250	279	293	302	301	314		26
486	507	532	549	573	600	621	637	668	686	700		27
464	435	408	377	353	325	304	274	237	200	171		28
176	190	201	225	229	238	266	277	273	279	272		29
275	277	294	29320	29.349	29.382	29.424	29.463	29.504	29.540	29.577		30
29.968	29.991	29.990	30.012	30.019	30.026	30.030	30.033	30.033	30.031	30.024		31

WET BULB THERMOMETER 4 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS	
37.9	359	366	365	360	369	350	359	360	379	400	419	428	430	420	419	402	409	404	400	400	400	308	383		1
39.7	386	390	370	360	350	344	338	343	350	371	382	390	401	400	387	380	371	368	360	360	317	309	301		2
*	30.9	31.7	...	...	...	327	353	355	374	392	401	410	416	418	417	408	409	414	406	424	423	428	422		3
41.4	420	41.9	41.3	41.1	41.0	41.2	409	412	41.3	41.4	41.9	41.9	420	420	41.7	416	41.9	410	401	399	402	401	402		4
37.0	382	390	384	385	385	389	389	394	412	418	432	447	438	442	441	443	440	439	440	433	415	419	419		5
43.0	443	452	482	469	479	480	484	483	489	492	492	489	480	464	449	434	414	363	397	390	406	406	393		6
38.9	380	380	377	369	370	360	350	359	366	362	370	378	370	357	351	354	348	349	355	355	360	368		7	
37.2	376	380	379	381	393	407	416	422	430	438	440	441	442	440	437	437	429	421	417	406	402	397	405		8
41.3	409	419	431	442	450	452	459	472	480	487	488	488	487	481	480	482	483	484	480	480	479	480	480		9
48.4	48.5	48.8	48.9	48.1	477	472	46.3	459	453	457	459	457	456	458	459	453	448	440	439	425	412	400	397		10
38.0	37.1	363	357	352	356	358	359	362	369	387	400	420	439	454	463	478	489	499	499	491	490	480	482		11
46.1	452	449	436	440	399	390	389	375	377	370	380	385	386	369	366	362	358	350	349	348	343	342	343		12
345	344	344	342	350	349	345	344	349	345	359	366	359	366	367	355	358	360	361	354	357	354	355	356		13
347	353	347	334	349	338	330	333	339	353	367	379	390	391	393	381	369	360	358	352	350	348	342	342		14
350	354	357	359	352	357	367	367	378	392	402	418	429	440	445	432	420	419	422	420	412	417	409	409		15
41.4	422	420	428	433	444	454	458	457	460	469	471	474	472	470	465	467	463	458	448	447	439	440	439		16
440	440	440	440	440	443	448	449	452	455	459	460	477	473	470	451	440	429	420	414	412	407	399	391		17
38.3	379	377	385	380	378	383	391	398	402	410	413	417	418	411	410	400	399	390	392	397	402	409	410		18
42.3	429	437	453	441	446	446	446	437	439	431	442	441	442	438	430	431	430	429	429	429	421	413	403		19
39.0	380	380	379	374	389	393	398	407	407	410	412	424	417	430	441	441	451	453	454	459	459	460	464		20
46.7	468	469	470	472	473	471	470	472	474	479	480	482	486	490	490	490	490	491	492	490	490	488	484		21
48.1	482	480	461	460	458	458	460	469	471	473	478	481	485	489	491	492	492	491	491	459	434	421	409		22
39.9	384	380	377	380	379	372	370	376	373	379	385	396	402	396	390	388	385	399	396	392	399	403	406		23
40.8	406	408	409	413	410	398	377	369	365	352	350	358	358	345	347	340	332	328	320	320	312	310	317		24
32.1	323	321	321	329	329	319	322	329	329	337	340	345	345	346	348	343	342	343	339	342	347	337	342		25
34.9	344	340	330	330	322	324	319	...	...	*	...	...	317	312	303	309	302	299	299	295	294	292	299		26
29.9	292	300	303	310	311	309	301	300	299	*	309	314	*	321	*	*	300	308	300	307	309	314	319		27
31.9	31.8	*	300	300	302	308	310	319	318	*	327	340	348	376	390	400	409	422	440	452	458	463	470		28
47.7	484	490	490	489	480	476	475	471	462	451	450	457	459	459	459	454	450	449	449	446	448	444	445		29
45.0	449	449	446	442	429	428	429	428	428	429	428	423	417	415	411	400	395	390	379	379	373	359	363		30
36.0	353	344	344	340	339	339	342	340	348	363	377	389	395	401	393	382	381	383	390	389	397	399		31	

Meteorological Office.

116, Victoria Street, Westminster. S.W.

ROBERT H. SCOTT, Secretary.

WIND

DIRECTION IN NUMBERS

8-E 24-W
16-S 32-N

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		1	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	22	55	24	75	24	75	24	75	24	85	24	85	24	95	24	105	24	105	25	105	25	95	26	85	27	95
2	30	95	30	45	30	4	30	4	30	45	30	4	30	4	29	4	29	4	29	45	29	45	29	3	29	4
3	2	2	2	2	2	2	2	15	2	2	2	4	2	3	2	4	3	45	3	4	9	55	9	45	7	45
4	11	3	12	45	12	4	12	55	13	75	14	75	14	65	16	75	16	65	16	45	16	4	16	2	16	4
5	17	3	17	4	17	3	17	2	17	3	17	3	17	3	17	2	17	4	16	55	15	95	13	105	14	16
6	10	40	13	36	13	33	14	25	14	20	15	16	15	20	16	19	16	20	16	18	19	22	19	22	19	19
7	22	105	20	15	20	13	23	105	21	85	20	95	20	65	19	12	19	14	19	14	20	13	20	15	20	17
8	21	13	20	15	20	13	19	11	19	13	19	13	19	17	19	18	19	18	20	20	19	20	18	22	19	22
9	17	18	16	24	16	23	16	25	16	22	15	27	15	25	15	25	16	23	16	22	16	27	16	22	16	23
10	15	19	16	17	16	16	16	12	19	55	17	4	17	4	19	2	19	4	19	4	19	4	19	3	19	4
11	22	75	20	85	18	95	18	95	18	105	17	15	16	17	16	21	16	25	16	27	16	31	15	36	16	38
12	19	20	18	20	19	22	18	30	19	23	25	27	25	21	23	17	23	17	22	16	20	17	21	17	20	17
13	19	19	19	17	19	20	19	19	20	17	20	19	20	17	19	14	21	12	19	16	20	18	21	105	20	14
14	25	165	20	85	23	75	23	75	22	65	22	65	22	65	21	75	21	95	21	11	22	105	21	85	21	85
15	19	85	19	85	19	105	18	11	18	13	18	14	17	20	17	14	17	19	16	19	16	23	16	23	16	29
16	20	18	20	22	21	17	20	20	20	15	21	16	23	13	21	11	22	11	22	75	23	14	23	85	23	85
17	20	65	20	55	20	4	20	55	19	12	18	12	14	13	19	15	18	14	18	14	19	17	20	11	20	105
18	20	2	20	3	20	15	20	3	20	2	20	15	20	2	19	15	19	15	14	2	13	13	18	55	18	4
19	18	105	18	105	18	65	22	4	22	45	21	45	21	55	24	4	24	55	24	4	25	3	25	2	24	2
20	18	3	18	45	17	85	17	95	17	95	18	14	17	12	17	11	17	16	16	18	17	22	16	18	17	19
21	19	105	20	95	20	75	20	75	20	75	19	55	19	95	19	95	19	95	19	12	18	14	19	11	19	105
22	19	16	18	17	19	24	19	22	20	21	18	16	18	25	19	17	19	21	20	27	19	28	19	29	19	28
23	27	75	27	105	24	65	24	65	20	95	19	85	20	65	22	75	23	11	24	95	...	...	...	...	...	...
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	22	75	22	85	22	85	22	105	22	75	22	55	22	55	21	75	22	65	22	65	22	85	20	85	20	105
26	23	12	24	14	19	85	20	95	24	16	25	15	25	12	23	12	23	12	25	15	24	14	25	13	27	14
27	25	105	24	11	25	95	25	95	25	85	25	75	24	75	24	95	24	75	24	95	24	95	24	95	23	75
28	24	55	24	55	24	55	20	65	19	85	19	75	19	55	19	75	16	105	16	95	12	11	11	16	11	17
29	17	18	17	18	18	19	19	18	19	17	19	22	19	21	19	22	20	19	20	19	21	18	19	15	19	16
30	18	19	18	18	17	23	18	16	19	15	19	18	19	105	19	95	18	11	19	11	19	105	19	85	19	65
31	25	14	25	13	25	95	24	85	22	75	22	95	21	75	20	95	20	95	20	95	20	12	20	105	20	13

RAINFALL

GAUGE

HEIGHT ABOVE GROUND 2 FEET
HEIGHT ABOVE MEAN SEA LEVEL 204 FEET

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5	.	.	.	.	.	.	.	.	.	005	.	.	.	.	.	.	.	.	.	.	060	150	200	.
6	010	010	030	.	.	.	040	040	.	010	030	040	.	.	.	.	.	.	.	.	020	150	.	.
7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9	.	.	.	.	.	050	040	020	040	010	010	020	040	010	030	.	.	010	.	.	060	050	050	060
10	040	030	.	010	010	.	010	020	040	040	020	020	030	030	030	.	.	.	010	.	.	.	.	.
11	.	.	.	.	.	.	.	.	.	.	050	060	040	010	.	020	080	040	.	.	.	.	.	.
12	.	.	010	040	.	.	010	.	.	.	.	.	.	010	010	.	.	.	.	.	.	.	.	.
13	.	.	.	.	.	.	.	.	010	020	.	005	005	.	.	.	005	.	015	040	.	.	.	.
14	.	.	.	.	.	.	.	.	.	.	.	.	.	010	.	.	.	.	.	.	.	.	.	.
15	.	.	.	.	.	.	.	.	.	.	020	070	010	.	.	.	.	.	.	.	.	.	.	.
16	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
17	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
18	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	010	.	.	.
19	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
20	.	.	.	.	.	.	.	.	.	.	.	.	010	.	.	.	.	.	.	020	010	010	.	.
21	.	.	.	.	.	.	010	010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
22	.	.	.	.	.	.	.	.	.	010	.	.	.	.	.	.	.	.	.	010	080	.	.	.
23	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
24	.	.	.	.	.	.	040	010	.	.	010	.	.	.	.	.	.	.	.	.	.	.	.	.
25	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	010	.	.	.	.	030	030	.
26	010	020	010	.	.	.	.	.	.	.	.	030	020	010	.	.	.	.	.	.	.	.	.	.
27	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
28	.	.	.	.	.	.	.	.	.	.	.	.	120	050	050	020	040	050	040	040	020	020	.	010
29	030	040	020	.	020	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30	.	.	010	010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
31	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

AND VELOCITY IN MILES PER HOUR

2		3		4		5		6		7		8		9		10		11		MADT		DAYS
D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	
27	75	29	11	29	95	29	105	29	85	29	85	29	95	29	75	29	55	29	105	29	65	1
1	3	2	3	2	2	2	3	2	3	2	2	2	4	2	3	2	2	2	15	2	3	2
9	4	11	45	11	3	11	3	11	2	11	3	11	4	11	55	11	65	11	55	11	4	3
16	45	16	45	16	4	16	95	17	45	17	4	17	3	17	3	17	4	17	45	17	45	4
4	12	14	13	13	18	13	17	13	24	13	25	13	25	14	32	13	32	13	34	12	31	5
21	22	20	22	21	23	21	24	19	21	19	22	19	22	23	27	23	20	23	19	23	14	6
21	15	20	13	20	13	20	13	20	14	20	14	21	12	20	12	20	14	21	13	20	12	7
18	22	18	23	18	24	18	23	19	24	18	24	17	21	17	18	17	20	17	19	16	16	8
16	22	16	22	15	24	15	24	15	22	15	23	14	20	14	19	15	20	15	18	15	18	9
19	2	19	3	19	65	19	75	19	75	20	95	20	105	22	105	23	105	23	95	23	75	10
16	35	16	37	16	31	16	33	17	27	17	27	18	20	18	15	18	14	18	15	19	19	11
2	14	21	11	20	16	19	18	20	17	20	18	19	15	19	17	19	16	19	17	19	17	12
9	14	20	14	21	15	20	13	21	11	21	105	25	85	21	105	22	13	21	95	23	13	13
21	85	21	95	21	95	20	95	20	55	20	85	20	85	20	75	20	85	20	95	20	95	14
19	16	21	14	23	11	21	95	21	105	21	11	21	105	20	12	20	12	20	11	19	16	15
23	65	23	55	22	75	22	3	20	3	20	45	21	45	18	3	20	4	19	2	19	65	16
25	17	25	85	24	65	23	4	24	3	24	3	23	3	23	4	23	4	23	3	22	2	17
19	3	17	55	16	105	17	65	16	11	16	85	16	11	17	105	17	105	17	95	17	95	18
24	2	23	3	22	3	21	4	20	2	20	2	20	4	19	3	19	4	19	2	18	55	19
27	17	18	17	18	16	18	17	19	19	19	16	19	14	19	15	19	15	20	13	19	105	20
20	95	20	105	20	95	20	105	20	105	20	105	20	11	20	11	20	16	19	14	18	14	21
9	27	19	21	20	21	20	21	20	19	21	20	22	12	29	12	28	12	26	65	26	85	22
27	12	31	13	27	13	27	105	28	65	26	75	25	105	25	11	24	85	22	85	22	65	23
20	95	20	95	20	85	20	65	19	85	19	105	18	11	18	12	17	105	19	105	20	15	24
6	12	25	13	26	12	25	11	24	14	25	95	23	75	23	75	22	105	23	11	24	11	25
21	105	23	12	25	13	26	12	26	11	25	85	24	105	23	105	24	95	24	105	23	95	26
11	22	13	24	13	27	13	28	13	21	14	17	16	16	16	17	16	21	16	23	16	21	27
9	17	19	19	18	21	19	17	19	12	19	13	18	105	19	12	19	16	19	17	18	17	28
19	55	19	45	19	45	19	45	21	65	24	105	25	55	24	85	26	65	26	65	26	14	29
20	11	20	105	20	85	19	85	19	85	18	85	18	95	18	85	18	12	18	95	18	85	30
																						31

VAPOUR TENSION. IN INCHES, BY GLAISHER'S TABLES, 5TH EDITION.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	DAYS
22	202	212	207	205	194	194	200	201	219	236	252	261	253	244	243	230	236	233	230	235	234	230	223	1
30	220	227	210	210	201	192	191	191	200	212	222	225	234	235	230	225	212	215	211	209	172	169	157	2
1	168	174	...	...	...	169	183	203	215	220	227	237	245	243	250	246	247	252	247	264	262	268	260	3
56	256	257	247	237	234	238	237	237	246	253	251	252	258	250	252	254	246	241	244	240	242	245	245	4
24	226	223	223	229	228	235	235	234	246	250	262	276	262	270	267	272	266	263	264	250	243	254	253	5
64	280	272	304	313	327	325	332	330	338	345	340	341	318	306	274	253	231	213	221	220	244	234	221	6
23	209	211	212	210	206	201	195	193	198	202	195	200	208	200	196	193	195	191	192	192	198	200	206	7
10	214	218	219	220	232	243	250	257	265	271	273	269	270	267	268	266	252	246	245	236	230	228	233	8
38	235	251	263	280	289	292	301	314	325	336	335	337	336	326	323	327	327	327	323	326	324	325	326	9
32	335	340	342	334	331	322	311	308	300	305	310	305	303	307	310	299	291	283	285	263	248	236	239	10
23	215	202	196	195	194	193	190	191	203	224	235	255	277	289	302	323	333	351	352	337	338	322	322	11
87	289	281	273	275	232	224	222	209	214	210	208	220	216	208	203	196	190	191	194	189	186	185	185	12
89	186	188	185	193	193	193	191	195	194	202	209	202	206	205	196	201	197	202	200	203	199	202	194	13
1	194	191	182	192	187	181	183	186	200	207	215	226	227	229	220	211	204	207	197	196	197	187	187	14
25	195	196	191	186	192	199	202	213	230	238	256	267	280	288	270	256	254	256	256	249	254	247	244	15
50	257	255	262	268	278	292	296	291	294	307	312	311	304	303	295	305	302	293	281	280	272	268	268	16
65	266	268	269	268	272	283	285	292	299	304	308	328	307	305	285	268	262	253	244	248	243	233	227	17
24	222	221	227	220	221	220	221	231	237	243	241	249	250	236	244	235	229	215	219	230	239	250	249	18
63	273	282	283	284	290	290	289	273	273	260	268	263	267	271	264	265	259	258	259	262	254	245	231	19
24	215	212	207	206	215	222	224	230	231	234	235	246	247	261	273	277	282	285	296	306	305	305	309	20
17	318	321	320	322	325	321	320	322	323	331	332	334	341	348	347	345	347	346	347	345	344	343	333	21
31	330	322	300	289	293	294	298	311	308	305	317	322	334	341	340	339	339	337	344	302	271	257	240	22
29	206	216	211	216	215	207	206	210	205	205	206	219	227	223	216	219	220	237	233	220	233	240	240	23
46	233	238	239	245	238	236	210	191	200	183	173	174	174	181	188	178	172	172	164	165	158	159	165	24
19	169	168	169	178	178	173	172	184	180	188	184	187	188	187	190	190	188	188	182	186	190	190	188	25
20	191	184	177	177	171	175	168	*	163	*	164	*	161	155	152	160	152	149	148	143	149	142	151	26
14	135	145	148	156	158	155	149	147	144	*	149	156	154	158	167	*	143	150	140	143	145	153	157	27
62	164	*	138	139	141	140	142	147	153	*	171	185	196	218	226	237	251	259	284	294	306	307	316	28
27	333	340	342	336	319	315	312	308	295	283	279	283	286	289	293	285	286	285	286	283	285	278	283	29
86	285	284	289	281	264	269	270	266	265	264	261	252	249	253	248	243	237	226	217	220	210	202	200	30
19	188	183	183	183	188	184	186	190	195	206	215	222	229	224	220	220	223	227	224	225	234	233	233	31

BAROMETER.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	
1	25.748	28.764	28.792	28.812	28.832	28.864	28.906	28.954	28.994	29.028	29.056	29.084	29.11
2	29.665	29.698	29.736	29.770	29.802	29.834	29.870	29.904	29.948	29.972	29.996	30.014	30.0
3	30.170	30.166	30.162	30.154	30.156	30.164	30.164	30.165	30.166	30.157	30.141	30.119	30.1
4	29.965	29.947	29.933	29.915	29.901	29.887	29.874	29.869	29.863	29.855	29.847	29.835	29.8
5	787	787	783	770	772	773	765	765	767	757	757	731	29.
6	343	291	231	183	115	083	049	013	28.987	28.954	28.912	28.874	28.8
7	086	146	202	255	302	344	366	398	29.432	29.448	29.454	29.456	29.4
8	568	592	608	612	618	624	630	648	656	650	660	671	6
9	768	778	766	760	746	730	720	714	700	679	667	647	6
10	555	555	553	549	536	547	561	583	606	617	618	611	6
11	642	668	674	682	676	674	29.674	29.676	678	650	621	564	5
12	109	087	077	055	035	017	28.995	28.983	047	164	227	257	2
13	399	389	377	379	359	363	29.359	29.365	373	381	393	391	4
14	29.705	29.747	29.771	29.801	29.827	29.849	29.876	29.903	29.929	29.950	29.963	976	9
15	30.061	30.062	30.049	30.051	30.033	30.035	30.037	30.037	30.029	30.028	30.004	968	9
16	29.924	29.908	29.894	29.868	29.848	29.834	29.844	29.854	29.872	29.906	29.916	924	9
17	30.042	30.048	30.026	30.014	29.986	29.966	29.952	29.956	29.952	29.947	29.900	29.883	29.8
18	185	195	233	243	302.55	30.264	30.271	30.277	30.291	30.299	30.286	30.283	30.2
19	183	195	187	183	181	182	212	235	248	283	300	308	3
20	380	370	354	352	332	318	319	306	296	292	273	234	2
21	30.121	30.131	30.127	30.144	30.147	30.145	30.151	30.149	30.147	30.143	30.129	30.102	30.0
22	29.933	29.908	29.880	29.844	29.796	29.760	29.726	29.690	29.638	29.607	29.586	29.541	29.5
23	562	589	615	639	661	677	707	733	735	754	780	784	7
24	446	366	312	245	212	186	146	129	166	266	279	309	3
25	29.507	29.521	29.529	29.517	29.497	29.481	29.473	29.476	29.473	29.459	29.435	29.409	29.3
26	28.983	28.943	28.911	28.899	28.885	28.869	28.866	28.873	28.895	28.913	28.921	28.911	28.9
27	29.111	29.141	29.153	29.157	29.153	29.164	29.192	29.212	29.221	29.237	29.248	29.240	29.2
28	566	596	624	634	636	642	666	676	680	676	666	650	6
29	242	204	166	136	094	070	056	058	046	044	048	048	0
30	218	228	218	208	180	176	190	216	236	256	272	264	2
31	29.476	29.528	29.574	29.610	29.644	29.686	29.726	29.766	29.804	29.824	29.838	29.863	29.8

DRY BULB THERMOMETER 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	385	379	379	388	404	392	391	419	421	414	420	447	449	447	445	445	448	449	440	438	429	439	433	440
2	447	431	435	415	399	409	421	421	431	430	441	440	459	456	455	448	432	426	412	409	390	386	373	355
3	368	365	328	323	321	338	330	329	335	344	365	389	407	420	411	410	406	407	410	410	409	425	430	430
4	427	423	421	422	419	415	412	413	420	421	421	418	411	411	409	405	405	408	411	409	400	405	405	401
5	399	399	398	401	403	402	398	391	405	413	402	411	420	429	429	424	470	418	409	403	389	373	408	414
6	423	417	415	405	395	400	409	415	425	431	449	460	473	470	492	485	483	477	467	452	442	436	414	416
7	422	421	425	420	409	407	398	379	382	382	383	390	367	379	379	380	381	352	335	360	344	349	342	358
8	363	363	368	372	384	399	412	425	431	439	448	452	453	459	459	460	461	459	453	453	453	452	448	444
9	439	439	434	446	442	447	459	465	468	464	463	463	468	472	470	471	468	468	465	455	454	453	450	448
10	442	443	441	441	443	449	453	455	461	458	453	448	449	446	441	439	435	434	431	429	435	438	433	428
11	431	410	408	408	398	380	375	374	384	391	401	413	420	415	422	438	449	464	479	495	502	508	497	489
12	490	494	487	471	469	458	454	443	401	401	398	389	381	405	394	377	378	386	377	352	339	349	376	371
13	353	367	378	373	378	370	359	369	347	359	369	370	375	371	375	375	389	365	375	371	357	359	382	
14	363	368	377	370	360	355	365	355	351	354	371	370	389	389	395	386	389	379	380	398	399	393	409	413
15	418	415	418	405	399	411	406	405	412	412	419	418	429	439	439	440	461	468	459	449	440	454	450	445
16	445	440	451	452	465	474	482	493	495	492	498	498	498	497	496	492	485	485	473	470	470	462	464	467
17	468	469	465	462	460	458	458	458	459	462	454	461	476	482	481	469	459	452	451	449	445	433	430	441
18	448	430	402	412	403	400	390	395	391	399	411	418	428	433	441	442	441	440	430	438	434	422	432	433
19	438	439	438	441	445	451	465	450	448	440	449	451	450	448	439	425	410	403	399	391	395	409	406	412
20	410	415	425	431	429	427	423	411	412	410	427	439	437	440	447	447	445	448	448	455	457	458	460	468
21	468	470	475	468	457	450	449	450	452	449	461	472	479	480	482	481	481	483	497	490	491	492	495	490
22	480	469	471	480	488	488	483	476	473	477	489	478	480	481	487	498	499	482	463	442	423	411	418	401
23	395	385	383	374	372	368	357	366	375	378	397	400	400	394	386	383	381	382	388	389	404	403	407	410
24	421	428	431	436	402	399	391	410	367	377	380	378	369	350	342	331	322	317	321	312	307	305	305	300
25	295	283	283	289	298	298	280	272	278	273	290	302	313	320	319	313	315	318	310	308	312	313	315	322
26	323	322	315	318	353	322	328	327	328	311	335	340	333	340	350	359	305	315	317	312	313	318	308	318
27	323	316	297	301	309	305	309	303	293	312	313	323	349	339	350	355	352	353	369	369	359	359	367	350
28	345	342	311	310	274	292	286	279	270	285	281	297	302	317	333	348	345	342	335	343	331	329	335	340
29	339	338	340	344	352	361	351	352	355	387	423	454	4451	450	452	448	449	448	457	445	445	439	445	446
30	461	449	445	448	451	449	442	439	438	433	438	439	440	436	434	428	425	410	407	400	384	379	375	385
31	378	380	377	384	375	379	374	366	359	371	379	400	410	421	419	414	417	405	418	412	417	414	405	409

* Record defective or Instrument out of action. † Reading of Standard. ‡ Approximate.

CISTERN 184 FEET ABOVE MEAN SEA LEVEL.														
2	3	4	5	6	7	8	9	10	11	MIDT.				DAYS
29.158	29.200	29.262	29.316	29.368	29.398	29.444	29.492	29.540	29.584	29.636				1
30.040	30.044	30.064	30.090	30.110	30.130	30.138	30.150	30.152	30.160	30.172				2
30.093	30.093	30.096	30.075	30.070	30.057	30.051	30.037	30.018	30.003	29.987				3
29.803	29.806	29.809	29.803	29.801	29.803	29.797	29.799	29.797	29.797	799				4
29.687	29.667	29.657	29.627	29.603	29.583	29.551	29.521	29.483	29.429	383				5
28.821	28.834	28.862	28.890	28.916	28.920	28.950	28.980	28.994	28.994	030				6
29.458	29.452	29.458	29.462	29.490	29.492	29.496	29.508	29.527	29.548	564				7
.712	.716	.742	.742	.754	.756	.784	.782	.788	.778	.774				8
.620	.615	.613	.601	.591	.587	.577	.563	.555	.557	.565				9
.618	.614	.612	.608	.612	.608	.610	.596	.620	.622	.624				10
.463	.393	.337	.279	.237	.187	.169	.157	.152	.155	.143				11
.303	.324	.349	.357	.381	.393	.411	.417	.421	.419	.413				12
.407	.429	.447	29.461	29.483	29.511	29.547	29.569	29.607	29.635	29.666				13
.977	.987	.993	30.013	30.031	30.019	30.031	30.051	30.040	30.045	30.053				14
.886	.882	29.784	29.768	29.802	29.848	29.872	29.888	29.902	29.899	29.914				15
.962	.984	30.012	30.026	30.050	30.058	30.066	30.058	30.056	30.050	30.046				16
29.873	29.907	29.943	29.965	.001	.037	.072	.091	.111	.131	.161				17
30.266	30.257	30.245	30.233	.225	.221	.219	.213	.193	.196	.194				18
.322	.336	.352	.360	.364	.370	.384	.393	.389	.387	.384				19
.192	.165	.151	.125	.123	.105	.116	30.115	30.113	30.105	30.116				20
30.066	30.062	30.056	30.043	30.040	30.025	30.013	29.998	29.988	29.974	29.964				21
29.485	29.461	29.441	29.413	29.417	29.431	29.457	.478	.499	.504	.535				22
.802	.816	.824	.814	.794	.771	.721	.674	.629	.564	.501				23
.383	.417	.439	.461	.470	.479	.503	.497	.517	.525	.519				24
29.357	29.327	29.295	29.265	.241	.215	.197	.155	.125	.077	.041				25
28.929	28.951	28.959	28.993	.007	.029	.051	.075	.091	.095	.101				26
29.255	29.272	29.296	29.312	.344	.380	.412	.444	.484	.504	.538				27
.612	.586	.554	.530	.514	.482	.454	.424	.387	.338	.288				28
.104	.116	.124	.134	.146	.160	.174	.182	.195	.202	.210				29
.248	.238	.235	.238	.270	.290	.316	.352	.380	.406	.446				30
29.881	29.904	29.923	29.927	29.943	29.953	29.965	29.975	29.978	29.975	29.979				31

WET BULB THERMOMETER 7 FEET ABOVE GROUND.																										
1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.		DAYS	
37.4	37.0	36.9	37.2	38.1	37.8	37.7	38.6	38.8	38.8	39.5	40.8	40.8	40.9	40.8	40.9	40.9	41.1	40.5	39.8	39.7	40.1	40.0	40.3		1	
40.7	40.0	40.4	39.5	38.3	39.0	40.0	40.1	40.9	41.5	42.5	43.3	44.3	44.3	44.3	43.8	42.2	41.8	40.8	40.3	38.9	38.5	37.2	36.5		2	
36.7	36.3	32.5	32.2	32.0	33.7	32.9	32.8	33.2	34.3	36.1	37.7	39.5	40.2	39.9	39.9	39.7	39.8	40.0	40.1	40.0	40.9	40.9	40.9		3	
40.9	40.7	40.4	40.4	40.2	40.0	39.8	39.5	39.6	39.3	40.1	39.9	39.4	39.5	39.6	39.6	39.7	39.7	40.1	40.0	39.4	39.7	39.7	39.2		4	
39.0	39.0	38.9	39.0	39.0	39.0	38.9	38.2	38.9	39.6	39.1	39.9	40.6	40.9	41.1	40.9	40.3	39.5	38.8	38.3	37.2	36.6	38.5	39.5		5	
39.9	39.6	39.6	38.7	37.8	38.2	38.9	39.5	40.4	41.2	42.9	44.5	45.3	45.8	47.9	47.6	46.2	45.2	44.5	41.9	41.0	40.9	39.7	40.7		6	
40.7	39.8	38.5	37.9	37.5	37.0	37.0	36.4	36.7	36.1	36.8	37.1	35.9	36.7	36.4	35.9	35.9	34.2	33.3	34.9	33.8	34.0	33.5	34.6		7	
35.3	35.5	35.9	36.4	37.6	39.2	40.3	41.5	42.1	43.0	43.8	44.2	44.7	44.9	45.0	45.0	45.2	44.9	44.1	43.9	43.8	43.2	42.7	42.3		8	
41.7	41.7	41.2	42.1	41.9	42.6	43.2	44.9	45.1	45.1	45.0	45.0	45.7	45.9	45.8	45.8	45.3	45.3	45.3	44.1	44.0	43.9	43.3	42.9		9	
42.8	42.5	42.5	42.7	42.6	42.9	43.2	43.3	43.9	44.0	43.5	43.1	43.3	43.0	42.7	42.6	42.3	42.2	41.8	41.7	42.3	43.0	42.7	41.9		10	
42.3	40.0	39.5	39.3	38.5	36.9	36.5	36.5	36.9	37.2	37.9	38.9	39.6	39.9	40.7	42.5	43.7	45.3	46.8	48.1	48.9	49.2	48.3	47.6		11	
48.6	48.2	46.7	43.9	44.0	44.0	43.4	42.7	37.8	37.6	37.6	37.4	37.5	39.0	36.8	36.1	35.6	36.5	35.3	34.5	33.5	34.0	35.9	35.2		12	
34.6	35.1	35.9	35.9	35.8	35.5	34.8	35.6	34.0	35.0	35.9	36.1	36.5	36.5	36.5	36.5	35.9	35.2	35.9	35.8	35.3	34.5	34.5	35.8		13	
34.7	35.0	35.3	38.0	34.8	34.3	34.8	34.2	34.0	34.3	35.8	35.7	37.6	37.6	37.7	37.5	37.8	37.1	37.1	38.8	38.9	38.3	39.5	39.7		14	
40.0	40.1	39.7	38.8	37.8	38.7	39.0	39.1	38.9	38.9	40.0	40.9	41.9	42.8	43.0	43.3	43.5	44.0	43.1	42.4	42.5	42.2	42.9	42.9		15	
42.7	42.9	43.7	44.3	45.8	46.7	47.3	47.9	47.9	47.8	48.0	48.0	48.3	48.1	48.0	47.9	47.1	47.0	46.1	46.0	46.1	45.5	44.9	45.0		16	
44.8	44.7	44.7	44.3	43.9	43.9	43.9	43.9	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5		17	
41.5	40.5	38.9	38.9	38.6	38.8	38.8	38.6	38.1	38.9	39.9	40.7	41.4	42.0	42.5	41.6	41.8	40.7	40.5	40.9	41.1	40.9	41.1	41.5		18	
41.9	41.9	42.5	43.2	43.9	44.2	45.1	43.1	41.9	41.6	41.9	42.8	42.8	42.2	41.9	40.9	39.9	39.2	39.0	38.2	38.7	39.7	39.2	40.1		19	
39.9	40.0	40.7	40.7	40.2	40.1	40.0	38.8	38.8	38.9	40.3	41.1	41.5	41.9	42.3	42.2	42.9	43.0	43.8	44.4	44.8	44.9	45.3	45.9		20	
46.0	46.3	46.9	46.0	44.9	44.2	43.0	43.3	43.9	43.9	45.6	46.9	47.3	47.5	47.7	47.7	47.7	47.9	47.9	48.1	48.1	48.3	48.4	48.3		21	
47.9	47.9	47.9	47.7	47.1	46.3	45.5	45.5	45.8	46.0	46.7	46.9	47.1	47.5	47.9	48.9	48.9	46.5	45.2	42.9	40.0	39.0	38.1	36.9		22	
36.5	35.5	35.2	34.9	34.0	34.7	34.1	34.3	32.9	33.6	35.0	35.2	35.7	35.9	35.7	35.8	36.0	36.5	36.9	37.3	38.7	39.2	39.7	40.2		23	
40.9	40.6	41.2	41.3	39.1	37.8	36.5	37.1	36.0	34.3	34.3	33.8	31.1	29.9	29.7	29.0	28.8	29.2	30.0	29.1	26.8	26.9	26.9	27.2		24	
27.9	27.1	27.2	27.9	28.7	28.9	27.5	27.1	27.2	.x	.x	28.2	29.2	29.9	29.8	29.9	29.9	29.8	29.3	29.2	29.7	.x	29.9	30.4		25	
31.0	31.3	31.1	31.4	.x	31.8	.x	.x	31.4	30.7	30.1	30.4	30.3	31.5	31.8	30.3	30.3	30.3	30.8	31.2	30.9	31.0	31.2	30.5	31.6		26
32.1	31.5	29.5	30.0	30.8	30.4	30.9	30.3	29.2	31.2	31.2	32.2	34.8	33.9	34.6	33.1	33.7	33.5	34.3	34.6	33.8	33.2	33.5	32.3		27	
31.9	31.8	29.5	29.2	27.5	27.5	27.3	27.0	26.5	27.9	27.6	.x	28.8	29.9	31.7	...	.x	...	32.8	33.5	32.5	32.3	32.9	33.2		28	
33.3	33.2	33.5	34.0	34.7	35.8	34.9	35.0	35.1	38.2	43.0	44.0	44.0	43.3	42.9	42.9	43.1	43.3	44.6	43.1	43.1	42.9	43.1	43.2		29	
43.9	43.7	43.3	43.5	43.6	43.9	42.8	41.9	41.5	41.5	41.6	41.5	42.4	42.2	41.9	41.4	40.9	40.0	39.9	39.2	37.8	36.9	36.0	36.5		30	
35.5	35.4	35.1	35.2	35.1	35.3	34.9	34.6	34.6	35.8	36.6	38.1	39.1	40.0	40.2	39.9	40.1	39.5	40.5	40.2	40.5	40.3	39.8	40.0		31	

WIND																												DIRECTION IN NUMBERS								8-E 18-S		24-W 32-N	
DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		1														
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V													
1	5	55	25	45	25	45	27	75	27	75	27	55	25	4	29	75	26	65	22	45	29	105	28	14	31	16													
2	1	85	30	55	1	65	1	4	1	3	2	75	2	4	2	45	4	4	4	4	4	4	4	65	4	55													
3	7	65	7	4	7	45	5	55	5	2	5	3	5	4	5	3	5	2	5	4	5	45	5	85	5	75													
4	10	55	10	65	10	45	10	45	10	4	10	55	10	75	11	75	9	75	9	65	9	65	9	45	5	55													
5	3	4	3	4	3	45	3	45	3	3	3	3	3	4	3	55	3	55	8	55	6	55	6	55	6	55													
6	11	14	10	18	9	15	9	19	8	26	8	17	8	18	8	19	9	18	8	18	10	17	11	16	12	20													
7	26	22	23	20	23	23	21	18	21	19	21	15	21	13	19	95	17	15	20	14	16	105	16	14	24	85													
8	18	105	19	11	19	85	19	85	19	95	20	105	18	17	17	15	17	15	17	20	18	30	19	20	20	20													
9	17	22	18	12	18	15	19	17	14	14	14	11	15	14	15	13	14	15	14	16	15	22	15	21	15	22													
10	14	19	15	15	15	14	16	105	14	19	14	13	13	14	12	105	11	85	12	85	12	105	14	105	14	105													
11	19	95	21	11	23	55	21	55	12	55	18	75	18	45	16	105	15	11	12	105	14	13	15	18	15	21													
12	16	13	18	19	18	21	17	15	17	17	17	18	18	19	20	25	26	32	24	22	23	19	22	20	24	18													
13	20	20	19	21	19	24	10	22	19	23	21	20	20	16	19	17	20	14	20	11	18	95	19	14	22	14													
14	24	11	24	105	25	14	25	11	18	45	13	45	22	85	20	75	21	55	21	65	21	75	21	55	21	65													
15	21	12	18	12	20	105	17	12	19	18	18	12	20	45	18	75	16	11	16	11	16	15	16	16	15	14													
16	23	14	22	12	21	19	20	18	20	20	22	19	23	18	24	28	25	26	24	23	23	19	22	22	21	17													
17	21	16	20	13	19	14	19	14	18	18	18	16	18	15	18	20	18	19	19	16	18	25	18	21	21	25													
18	22	11	16	95	21	75	25	105	20	65	22	55	13	4	13	45	13	45	13	4	10	2	17	4	17	3													
19	16	11	16	85	17	95	18	14	19	16	19	17	23	14	19	105	21	95	21	105	22	105	23	95	22	75													
20	19	55	19	55	19	85	20	12	20	95	19	105	18	95	18	13	16	75	15	85	18	11	17	20	18	18													
21	20	14	19	12	21	12	19	95	23	45	22	65	22	55	20	95	20	75	20	55	20	95	19	13	18	15													
22	19	20	19	22	20	27	19	27	19	30	19	32	18	21	18	24	18	37	18	30	18	33	18	37	18	31													
23	25	24	26	19	26	21	24	15	24	17	24	16	19	12	20	14	24	17	24	18	26	25	26	21	26	19													
24	21	31	21	35	21	32	22	35	22	28	22	25	22	25	23	29	25	21	28	22	25	18	26	31	26	30													
25	23	105	23	75	23	75	23	11	25	95	25	75	19	85	19	55	19	65	20	65	20	4	20	4	21	65													
26	12	95	14	13	13	75	24	85	26	105	21	75	22	12	24	15	24	19	24	15	26	21	25	22	25	25													
27	25	17	25	11	20	14	16	105	25	17	23	105	23	95	22	105	22	16	23	13	23	15	23	15	24	15													
28	24	13	25	13	21	65	22	45	22	55	21	45	21	3	21	3	21	45	21	45	22	55	22	55	29	55													
29	5	14	5	16	5	16	4	12	3	13	3	85	2	75	1	65	32	45	21	55	20	12	18	23	21	24													
30	18	21	17	14	17	14	16	14	16	20	17	21	19	27	19	20	19	19	19	14	19	18	18	16	18	13													
31	25	11	24	11	23	75	25	12	18	85	21	12	24	11	23	105	22	85	22	75	22	105	22	105	22	95													

RAIN FALL												GAUGE												HEIGHT ABOVE GROUND 2 FEET		HEIGHT ABOVE MEAN SEA LEVEL 180 FEET.		
DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	WIND				
1			002	001		007		002																				
2																												
3																												
4													003		004	003	006	002		001	001							
5																												
6		030	030	050	028	042	002	002		004	002			030	060	014	004		001	001		005	008	097				
7	030	020			002		001	006	001				008		002			030	020	040	003							
8	001	002	004	007	002	038	003		005	020	025	026	029	045	002	008												
9			001	001		002			002	004		018	012	030	030	028	012	005	008	012	010	010	010	004				
10	006	005	005	020						008	002	030	010	006	034	014	026	035	015	030	008	022	053	037				
11	010	010	002		003		001							060	050	108	152	156	129	044	004							
12	000	026	007	001		006	012		002				007	011		002			076	044	060	010	020					
13	030	010	002	013	001	014	014		046	020		003	019	050	045	023		002	003	001	001	001	001	001				
14					002														010	010	004	001						
15													005	005	030	055	005	001	002	001	001	001	001	001				
16	052	010		022	058	078	062	010		002				020	008	001	051											
17																												
18																												
19																												
20																					005	050	035			002		
21	003	002	001	001		001																						
22													028	060	012	040	010	015	045	005	005	005						
23	002		001	001		001																				015	040	075
24	070	020	005	015	050	018	005	002	035	006																		
25																												
26																												
27																												
28																												
29	040	080	050	110	070	060	020	020	036	008	002	002	008	001	001	001		006	014	015	003	002	020	020				
30						098	052																					
31													002			002												

* Record defective or Instrument out of action. * Obtained from reading of Standard. † Approximate.

AND VELOCITY IN MILES PER HOUR

2		3		4		5		6		7		8		9		10		11		MIDT		DAYS
D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	
9	13	29	15	30	12	30	13	30	15	31	17	31	13	31	11	31	105	1	65	31	95	1
4	55	7	65	5	95	5	65	5	45	5	55	7	75	7	75	4	45	10	45	4	55	2
5	85	5	95	5	85	5	85	5	85	5	85	5	65	7	55	10	65	10	75	11	65	3
5	55	5	45	3	4	3	55	3	55	3	2	3	3	3	45	3	55	3	4	3	45	4
6	55	6	45	6	55	7	75	9	105	9	15	8	19	6	12	6	105	9	12	9	105	5
14	16	18	24	19	22	20	19	20	23	18	31	18	30	18	23	17	21	18	20	23	15	6
2	75	20	12	19	18	18	18	21	11	19	65	20	15	21	105	21	85	19	75	20	105	7
0	16	19	21	19	17	17	15	17	16	16	15	17	75	16	105	16	15	16	16	19	13	8
5	23	15	21	15	21	15	21	14	22	14	20	14	20	14	21	14	22	14	21	15	19	9
3	13	13	105	13	11	14	11	14	14	14	17	15	16	17	15	19	85	18	85	17	65	10
4	25	14	24	14	26	14	29	15	26	15	31	16	30	17	28	19	25	20	16	21	75	11
21	14	22	23	26	105	22	13	21	18	19	19	20	95	20	75	19	16	20	18	21	17	12
2	14	25	65	25	55	21	13	21	12	22	16	22	16	23	12	22	105	22	11	25	12	13
1	75	21	85	21	85	22	105	22	75	20	95	22	11	18	85	18	75	20	85	20	95	14
5	16	15	17	16	21	21	29	22	32	22	23	19	15	14	45	24	13	20	95	19	105	15
3	21	23	15	23	16	23	17	21	14	23	14	21	12	21	12	21	95	20	105	21	12	16
3	22	24	23	22	22	23	26	25	105	25	105	22	13	21	14	22	14	17	11	23	13	17
7	55	20	11	19	105	19	12	19	14	20	105	18	105	17	13	17	14	16	16	16	105	18
3	95	23	55	23	65	23	55	23	45	23	55	23	55	23	3	23	45	23	4	19	45	19
6	19	17	23	17	22	18	25	18	22	18	23	18	21	19	21	19	21	19	20	20	18	20
8	20	18	21	19	21	20	18	16	11	18	15	19	14	17	12	18	23	18	18	20	19	21
8	32	19	30	20	30	20	32	23	18	24	17	24	23	24	18	23	105	26	24	25	19	22
6	15	26	55	17	105	18	65	22	75	20	11	18	13	18	18	19	25	20	30	19	25	23
6	27	26	24	26	20	26	18	26	20	25	17	25	15	25	17	25	105	24	12	24	14	24
1	45	17	65	16	55	16	4	10	65	13	3	8	4	8	45	8	45	8	45	11	65	25
5	23	26	27	25	24	25	28	25	20	27	24	25	21	24	21	27	18	25	19	25	17	26
4	21	23	24	21	17	22	21	23	17	24	15	25	18	24	12	24	14	25	21	26	12	27
0	45	7	65	9	11	9	95	9	65	7	85	7	14	5	14	5	14	5	12	5	14	28
2	18	17	14	18	20	18	22	18	22	19	24	19	20	18	18	20	21	19	22	19	20	29
2	105	19	105	20	12	22	75	22	55	22	65	22	45	22	65	22	65	25	105	25	65	30
1	95	21	95	22	11	16	85	20	95	21	55	20	11	20	105	20	105	18	12	18	95	31

VAPOUR TENSION. IN INCHES, BY GLAISHER'S TABLES, 5TH EDITION.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	DAYS		
11	209	207	205	205	212	211	201	203	208	216	214	212	215	216	217	214	217	215	204	211	208	212	211	1	
12	214	218	220	214	216	224	226	231	245	254	261	273	276	277	273	257	256	251	243	236	232	220	208	2	
16	212	181	182	181	193	186	185	186	197	205	213	229	229	232	233	234	235	235	237	236	232	232	232	3	
35	236	232	231	230	230	229	222	218	211	226	225	222	224	228	233	235	231	236	236	234	235	235	229	4	
27	227	226	225	223	224	226	221	218	224	226	232	237	233	237	233	225	218	212	210	204	197	208	217	5	
20	220	226	215	208	211	214	220	228	237	252	276	278	293	317	318	287	271	268	229	222	226	225	243	6	
37	220	194	188	190	183	191	198	201	190	201	201	202	204	198	188	187	186	188	191	187	185	184	188	7	
13	199	200	206	216	231	240	250	256	266	273	278	289	286	288	287	291	286	274	270	268	255	249	246	8	
39	239	234	239	240	249	249	278	279	285	283	283	294	293	293	292	284	284	288	272	271	270	260	253	9	
19	251	254	258	253	252	254	255	262	267	261	257	261	258	258	258	256	255	250	250	256	267	267	255	10	
51	235	227	223	219	206	204	206	202	202	204	211	218	228	237	257	269	289	305	318	330	330	321	313	11	
10	322	294	250	274	267	258	255	202	199	202	208	217	220	209	191	195	185	194	181	192	187	185	192	185	12
31	187	190	195	189	191	190	194	188	194	199	202	204	209	204	204	199	191	183	191	186	187	185	185	13	
25	184	181	182	189	185	184	183	183	186	190	195	211	211	207	213	215	211	210	224	225	221	226	226	14	
27	232	222	216	204	209	219	222	211	211	226	245	254	262	266	271	298	255	247	242	255	234	251	251	15	
13	263	267	280	299	310	315	316	313	314	312	312	320	316	314	317	306	303	297	298	301	297	280	279	16	
73	269	274	270	263	265	265	265	264	274	292	293	310	300	284	274	251	249	244	248	238	231	230	241	17	
26	225	222	211	218	222	223	224	219	225	232	241	244	252	254	254	239	218	216	224	232	241	234	242	18	
14	243	257	269	279	279	283	255	253	256	232	248	249	239	243	237	233	227	227	221	226	230	223	235	19	
13	230	233	227	220	220	222	210	210	214	224	227	237	242	242	240	257	255	273	279	286	287	294	299	20	
11	306	314	301	289	280	254	260	271	274	300	318	318	322	325	326	326	328	324	325	324	327	325	326	21	
21	319	319	316	302	285	272	279	289	289	292	310	312	321	324	335	333	295	288	261	222	214	193	186	22	
16	177	173	176	178	179	180	174	144	153	158	159	167	175	180	183	189	197	199	206	216	227	233	239	23	
12	228	237	234	226	204	189	182	204	164	162	156	122	117	117	113	114	125	136	127	189	191	192	180	24	
1	120	123	129	147	142	138	145	133	*	*	119	128	135	134	143	141	135	133	134	140	*	140	143	25	
4	163	169	170	*	174	*	*	157	165	128	129	131	148	164	163	166	161	166	168	169	165	165	175	26	
10	176	166	165	171	168	173	169	159	176	174	162	201	195	196	172	176	172	171	176	168	162	160	153	27	
0	151	137	131	113	116	120	125	131	139	137	*	133	138	158	*	*	*	178	182	177	175	180	180	28	
3	182	186	191	196	207	201	202	201	225	273	292	274	260	249	253	256	262	281	261	261	264	261	202	29	
2	269	266	267	265	274	259	243	236	242	238	235	262	252	249	244	237	235	236	230	220	207	195	194	30	
4	160	178	172	179	179	176	179	187	195	202	209	216	224	230	229	230	231	237	237	238	238	237	230	31	

BAROMETER.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	I
1	28.857	28.876	28.897	28.918	28.937	28.954	28.992	29.028	29.068	29.111	29.148	29.183	29.210
2	29.793	29.831	29.881	29.912	29.941	29.986	30.013	30.052	30.076	30.107	30.133	30.147	30.166
3	30.285	30.287	30.283	30.281	30.279	30.278	273	277	30.279	30.277	30.269	30.257	30.247
4	30.113	30.087	30.067	30.041	30.031	30.022	30.007	30.002	29.995	29.994	29.972	29.953	29.93
5	29.895	29.895	29.889	29.885	29.876	29.869	29.871	29.872	879	878	871	855	84
6	550	520	478	426	389	355	313	277	247	225	190	133	101
7	081	129	171	221	264	314	363	399	439	469	493	503	500
8	612	635	648	662	673	678	697	709	718	720	717	708	71
9	768	781	813	803	815	805	813	823	808	798	792	777	75
10	689	690	696	687	674	684	699	723	738	759	762	759	75
11	723	725	733	744	746	748	754	753	748	735	727	699	650
12	223	214	186	144	131	100	077	076	077	101	131	154	200
13	434	426	424	405	40	397	395	394	390	405	411	410	41
14	29.685	29.728	29.777	29.785	29.836	29.872	29.898	29.926	29.950	29.967	29.994	29.996	29.996
15	30.088	30.102	30.097	30.097	30.102	30.105	30.098	30.100	30.102	30.102	30.088	30.066	30.031
16	29.933	29.170	29.922	29.912	29.895	29.88	29.874	29.868	29.865	29.887	29.924	29.952	29.97
17	30.080	30.080	30.068	30.052	30.033	30.003	29.979	29.970	29.949	29.952	29.928	29.900	29.860
18	196	236	258	281	308	313	30.320	30.339	30.349	30.359	30.348	30.338	30.320
19	248	240	238	236	232	241	248	287	313	348	371	378	39
20	44	54	380	36	339	323	316	294	285	266	260	219	22
21	30.180	30.218	30.227	30.224	30.232	30.229	30.223	30.222	30.215	30.193	30.172	30.147	30.140
22	29.920	29.880	29.826	29.794	29.748	29.707	29.684	29.570	29.524	29.522	29.497	29.447	29.383
23	543	553	572	583	603	617	643	671	705	729	750	756	75
24	390	305	238	173	132	093	058	056	113	173	221	267	298
25	494	504	513	515	29.507	29.499	29.496	29.501	29.499	29.491	29.485	29.460	29.438
26	146	112	059	016	28.968	28.939	28.914	28.900	28.883	28.889	28.880	28.880	28.879
27	037	056	063	073	29.088	29.102	29.123	29.142	29.168	29.194	29.225	29.228	29.240
28	638	668	688	703	718	723	743	763	775	775	780	768	752
29	449	409	368	320	264	230	197	183	160	155	148	123	108
30	284	289	306	298	296	281	272	275	268	278	297	286	293
31	29.499	29.534	29.556	29.589	29.615	29.659	29.722	29.762	29.809	29.841	29.867	29.894	29.914

DRY BULB THERMOMETER 41. FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	420	422	428	430	420	434	424	420	417	434	435	440	438	440	448	439	426	423	420	424	426	431	433	417
2	411	402	397	402	411	412	397	386	376	367	389	402	410	415	406	396	383	360	353	363	364	365	340	334
3	332	319	333	343	330	340	364	379	391	398	408	417	420	423	419	412	417	418	413	414	421	421	415	410
4	411	414	418	420	416	414	413	408	404	409	414	422	427	426	420	414	402	393	386	384	383	380	384	387
5	383	393	339	2389	387	379	361	373	388	393	394	411	410	414	414	417	422	435	436	439	446	446	439	434
6	436	442	430	427	437	428	435	433	431	430	432	430	448	450	451	450	454	459	463	463	461	461	447	430
7	424	424	447	434	424	423	411	402	381	374	393	383	396	405	398	382	356	349	356	351	348	350	347	346
8	338	328	324	319	323	334	338	336	371	379	376	386	399	409	419	432	446	445	457	470	477	468	463	458
9	455	452	444	5440	428	421	432	444	453	451	452	463	456	454	456	456	455	453	453	453	454	450	446	448
10	45	447	447	446	441	440	441	443	445	448	451	451	451	449	447	444	444	444	445	442	438	433	432	428
11	424	420	413	414	407	386	377	368	368	377	377	386	406	421	425	421	422	426	428	431	437	437	444	445
12	465	470	473	472	467	466	454	444	443	410	364	354	383	389	391	393	384	374	364	360	360	347	350	339
13	336	331	341	344	344	342	346	343	344	343	354	352	358	370	356	347	343	344	342	342	363	370	378	378
14	376	373	379	373	362	364	353	333	350	364	382	395	401	405	396	383	379	373	363	367	364	392	385	391
15	390	400	386	389	384	395	384	370	380	380	394	401	404	414	400	391	406	413	420	411	401	412	401	424
16	427	436	427	420	404	390	399	400	403	404	428	427	433	447	450	446	444	434	437	437	443	446	445	444
17	44	436	437	426	419	406	414	414	431	439	443	445	445	449	463	463	460	450	443	442	428	421	419	419
18	422	413	399	399	380	387	388	393	365	379	42	412	417	417	400	380	362	345	334	334	340	338	352	363
19	380	390	388	393	410	412	431	423	421	425	419	430	448	441	429	405	401	400	391	390	364	383	369	369
20	362	367	356	360	363	372	360	380	390	407	415	411	417	420	421	427	435	437	442	444	448	456	460	455
21	481	451	451	434	416	425	384	384	397	396	380	396	397	383	392	392	416	426	434	434	443	461	471	468
22	480	473	494	492	478	506	494	482	470	474	479	478	515	512	509	507	447	447	434	426	415	403	392	380
23	373	355	304	357	350	354	351	348	344	348	352	353	345	360	359	349	341	349	341	330	340	355	356	355
24	373	378	384	385	387	382	386	364	362	351	362	350	330	331	326	308	293	297	296	292	292	293	281	
25	284	281	270	271	267	254	261	257	244	254	260	270	270	274	204	246	243	220	220	222	213	200	202	
26	234	243	260	286	320	327	325	321	312	303	303	308	310	334	331	327	326	324	321	327	326	324	330	327
27	324	324	326	320	324	326	325	320	318	323	327	334	327	327	321	303	291	275	271	251	264	256	253	263
28	254	284	20	27	214	264	264	260	261	272	297	310	313	320	313	298	297	314	333	371	374	377	383	
29	175	377	381	383	384	386	370	390	391	393	393	396	404	400	402	403	402	386	381	372	396	401	401	398
30	410	413	407	411	412	413	424	441	441	409	420	404	404	399	394	390	380	380	374	377	373	381	372	
31	375	370	373	374	376	370	371	370	363	379	386	380	403	404	393	378	377	359	341	354	364	364	352	348

HOURLY VALUES

December 1877.

CISTERN 8.8 FEET ABOVE MEAN SEA LEVEL.

2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
29.263	29.316	29.373	29.430	29.483	29.531	29.588	29.629	29.681	29.721	29.763	1
30.176	30.181	30.206	30.220	30.236	30.251	30.263	30.276	30.276	30.281	30.287	2
30.235	30.229	30.229	30.219	30.214	30.199	30.185	30.177	30.154	30.146	30.129	3
29.931	29.927	29.923	29.913	29.917	29.909	29.904	29.907	29.901	29.899	29.899	4
.825	.806	.780	.785	.768	.759	.743	.715	.676	.634	.600	5
.068	.033	.28.995	.28.976	.28.962	.28.957	.28.964	.28.973	.005	.018	.036	6
.503	.506	.29.506	.29.511	.29.523	.29.527	.29.528	.29.522	.556	.573	.589	7
.713	.727	.735	.748	.758	.764	.773	.780	.781	.784	.779	8
.749	.739	.722	.714	.712	.709	.712	.714	.709	.702	.695	9
.759	.752	.749	.745	.743	.740	.735	.727	.729	.725	.721	10
.611	.574	.530	.450	.405	.365	.330	.277	.252	.241	.233	11
.258	.303	.324	.345	.373	.391	.407	.425	.432	.430	.440	12
.431	.448	.29.468	.29.485	.29.500	.29.524	.29.546	.29.566	.29.584	.29.623	.29.638	13
29.992	.998	30.015	30.024	30.036	30.051	30.050	30.056	30.069	30.069	30.078	14
30.003	29.975	29.953	29.926	29.870	29.872	29.876	29.879	29.890	29.896	29.908	15
30.006	30.024	30.063	30.074	30.084	30.095	30.096	30.098	30.092	30.087	30.087	16
29.903	29.920	29.948	29.978	.006	.028	.046	.094	.129	.149	.184	17
30.328	30.330	30.324	30.313	.306	.298	.290	.286	.285	.281	.268	18
.407	.415	.430	.440	.451	.457	.464	.465	.461	.444	.434	19
.204	.184	.157	.143	.150	.142	.129	30.138	30.140	30.153	30.166	20
30.138	30.120	30.100	30.072	30.050	30.035	30.014	29.999	29.978	29.964	29.943	21
29.354	29.356	29.374	29.429	29.435	29.454	29.472	.485	.497	.506	.523	22
.759	.792	.808	.798	.788	.790	.760	.720	.657	.575	.489	23
.316	.328	.340	.345	.384	.404	.419	.435	.448	.448	.491	24
29.435	29.408	29.395	29.372	29.347	29.330	29.313	29.278	29.253	29.222	.180	25
28.888	28.843	28.902	28.915	28.923	28.945	28.955	28.971	28.993	28.996	.012	26
29.270	29.305	29.342	29.379	29.413	29.448	29.482	29.515	29.555	29.577	.610	27
.744	.730	.716	.683	.663	.650	.633	.598	.570	.529	.492	28
.104	.116	.128	.149	.171	.189	.212	.224	.253	.273	.286	29
.303	.315	.331	.354	29.366	29.384	29.394	29.413	29.434	29.458	29.475	30
29.938	29.954	29.974	29.986	30.007	30.016	30.024	30.037	30.038	30.038	30.034	31

WET BULB THERMOMETER 41 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
40.9	41.3	41.2	41.3	40.7	41.9	41.2	40.3	40.7	42.0	41.6	42.4	42.6	42.4	43.3	42.4	41.3	40.8	40.7	41.2	41.8	42.0	42.4	41.0	1
40.2	39.4	39.1	39.4	40.4	40.4	39.2	38.0	37.1	36.4	38.4	39.5	40.3	40.3	40.0	39.0	38.0	36.0	35.2	36.2	36.3	36.3	34.0	33.4	2
33.1	31.8	33.1	34.3	32.9	33.9	36.3	37.3	37.8	38.3	39.1	39.9	40.1	40.3	40.0	39.9	40.3	40.3	40.3	40.3	40.9	41.3	41.1	40.7	3
40.9	41.2	41.6	41.6	41.1	41.2	41.0	40.5	39.8	40.3	40.7	41.2	41.1	40.9	40.4	40.0	38.9	38.3	37.5	37.0	37.1	36.7	37.3	37.4	4
7.3	38.0	37.9	37.8	37.7	37.1	35.6	36.5	37.7	38.1	38.2	39.4	40.1	40.0	40.2	40.7	41.1	42.2	42.1	42.6	43.2	43.0	42.6	42.4	5
2.4	42.5	42.6	41.8	41.1	41.5	42.0	41.8	42.0	41.4	42.6	43.2	43.7	44.0	44.0	44.4	44.4	44.8	45.3	45.5	45.1	44.3	43.7	42.5	6
40.5	40.7	41.2	40.0	39.3	38.6	37.2	36.6	35.7	35.1	35.5	35.0	35.9	37.0	37.4	35.9	34.1	33.6	33.4	33.1	33.0	33.2	32.8	32.5	7
1.7	30.8	30.6	30.3	30.2	31.0	31.7	32.2	32.2	32.5	32.6	32.6	32.6	32.0	32.9	40.8	42.0	43.0	43.4	44.1	44.6	45.0	44.6	44.1	8
3.6	43.1	42.5	42.0	40.6	40.3	41.1	42.2	42.6	42.6	43.1	44.4	44.3	44.3	44.5	44.6	44.6	44.6	44.6	44.4	44.4	43.7	43.6	43.6	9
3.9	43.6	43.6	43.3	43.0	42.7	42.8	42.9	43.3	43.4	43.9	44.1	44.0	43.9	44.0	43.7	43.7	43.3	43.3	43.1	42.7	42.4	42.3	42.2	10
1.5	41.2	40.4	40.4	40.1	38.3	37.3	36.3	36.2	36.6	36.4	37.0	38.6	39.3	39.8	39.9	40.3	40.7	41.1	41.7	42.3	42.8	43.7	45.0	11
5.8	46.2	46.6	46.6	45.7	45.7	45.3	42.7	42.6	40.5	34.3	34.8	36.4	36.7	36.6	36.4	35.6	35.0	34.0	33.6	33.4	32.6	33.2	32.9	12
2.5	32.2	32.0	33.3	33.2	33.1	33.4	33.4	33.2	33.2	34.0	34.3	34.4	35.1	33.7	32.6	32.3	31.8	31.0	33.5	34.4	36.0	36.1	36.1	13
6.1	34.9	35.0	34.4	33.7	33.6	32.6	31.5	32.7	33.8	34.7	35.6	36.2	36.3	36.0	35.3	35.0	34.4	34.3	34.6	34.8	36.4	35.9	36.3	14
6.6	37.2	36.6	36.5	36.0	36.9	36.3	35.6	36.1	36.1	37.2	37.6	38.0	38.9	38.1	38.0	37.0	40.0	41.2	40.4	39.5	39.3	38.4	39.4	15
9.9	40.1	39.8	39.6	39.0	39.1	39.4	39.6	39.8	40.2	42.4	42.2	42.8	44.0	44.4	44.0	43.8	43.2	43.5	43.6	44.1	44.2	44.1	43.7	16
3.0	42.8	42.3	41.6	40.4	39.0	39.8	40.0	41.6	42.4	43.0	43.4	43.9	44.2	44.5	44.1	42.1	41.5	40.7	40.7	40.0	39.6	39.5	39.2	17
9.2	38.6	37.6	37.2	36.5	36.3	36.1	36.4	36.9	35.4	38.0	37.9	38.6	38.8	37.8	36.2	35.2	33.4	32.6	32.7	33.1	32.7	33.9	34.8	18
6.1	37.2	37.3	37.9	39.6	39.4	41.3	41.0	41.1	41.3	40.7	40.6	41.0	40.8	40.3	38.3	37.7	37.6	37.3	36.9	35.2	36.6	35.5	35.4	19
4.8	35.2	34.7	34.4	34.5	35.1	34.6	35.7	36.7	37.9	38.7	39.0	39.4	39.6	40.1	40.9	41.6	42.1	42.5	42.8	43.1	44.0	43.7	43.5	20
3.3	44.2	44.3	42.7	40.6	41.2	38.0	38.2	39.2	39.2	38.6	38.7	38.6	37.6	37.8	38.0	40.1	41.1	42.0	42.1	42.7	44.0	45.0	45.4	21
6.6	45.4	40.9	46.1	45.9	45.4	45.4	45.0	44.7	44.9	45.5	45.6	47.1	47.4	47.1	47.1	47.1	41.4	40.5	39.2	37.9	36.3	35.7	34.7	22
4.3	33.9	33.2	33.0	33.0	32.8	32.7	32.6	31.7	32.6	32.2	32.1	32.1	32.1	32.1	32.1	31.6	32.3	32.2	31.3	32.4	33.8	34.5	34.4	23
5.6	36.3	36.7	36.8	37.2	36.2	35.2	35.0	34.2	33.9	33.1	31.7	29.5	28.3	28.7	28.7	28.6	28.5	28.3	28.2	28.3	27.8	27.7	26.7	24
7.0	26.9	26.9	26.7	26.1	25.3	25.6	25.4	25.7	25.1	24.5	24.5	24.9	24.9	24.3	22.8	22.4	21.0	20.7	21.0	20.7	20.0	18.9	19.0	25
2.1	23.0	24.8	27.4	31.3	...	...	...	...	28.9	29.2	29.4	29.7	31.0	29.9	30.0	29.5	20.6	29.7	30.5	30.7	30.5	31.2	31.1	26
1.0	31.2	31.4	31.0	31.5	31.9	31.8	31.5	31.5	32.0	29.4	30.0	...	29.9	29.5	28.4	27.5	26.2	26.0	24.5	25.7	24.9	24.6	25.5	27
6.1	28.0	25.6	26.8	28.0	28.0	25.6	25.4	25.4	25.4	26.3	28.4	29.3	29.9	30.5	30.3	29.1	28.6	30.2	31.6	...	34.3	35.0	35.4	28
6.1	36.6	37.2	37.4	37.7	38.1	38.5	38.6	38.6	38.8	39.0	39.3	39.6	39.4	39.3	39.3	39.0	37.3	37.1	36.2	38.2	38.4	38.7	38.6	29
8.6	39.4	40.2	39.9	40.2	40.4	40.3	41.4	41.2	40.4	38.2	38.5	37.6	38.3	38.1	38.0	37.6	36.9	36.3	36.0	35.8	35.4	35.9	35.1	30
5.2	34.6	34.4	34.4	34.4	34.4	34.4	34.6	34.0	34.7	35.3	35.5	36.4	36.6	36.2	35.0	35.1	33.9	32.7	33.5	34.4	34.3	33.6	33.5	31

Meteorological Office,

116, Victoria Street, Westminster. S.W.

ROBERT H. SCOTT, Secretary.



WIND

DIRECTION IN NUMBERS

 8-E 24-W
 16-S 32-N

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		1	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	11	21	8	18	8	18	8	14	6	15	4	21	32	14	31	11	29	11	2	12	3	12	31	105	2	14
2	30	75	28	105	28	105	28	12	28	95	28	95	28	95	28	75	28	65	28	105	28	85	28	65	28	75
3	28	65	28	65	28	45	28	55	28	35	28	75	22	65	22	55	20	75	20	55	20	55	20	45	20	65
4	16	45	16	45	15	85	15	55	15	55	15	65	15	55	15	45	15	55	15	65	15	65	18	45	18	55
5	18	3	18	4	18	55	18	4	18	45	18	4	18	55	18	65	18	65	17	75	16	55	16	75	16	65
6	13	31	13	35	13	31	13	32	13	36	13	35	13	32	13	40	13	37	13	33	13	38	13	38	13	36
7	18	14	18	12	24	14	25	20	24	17	23	12	23	12	22	13	22	75	21	95	20	12	21	11	20	95
8	20	105	20	75	20	65	20	75	20	85	20	65	20	4	20	75	20	14	19	15	16	14	17	17	17	18
9	16	19	16	15	18	13	16	15	17	16	15	15	16	17	19	13	18	16	18	16	17	13	15	95	15	15
10	14	20	14	17	14	14	14	95	14	16	14	15	15	14	16	11	15	15	17	105	15	13	15	12	15	12
11	16	95	16	95	16	95	16	75	16	3	16	45	16	55	16	55	16	85	16	95	18	11	16	14	14	16
12	16	16	17	13	18	95	14	14	19	95	18	105	18	11	19	14	19	12	26	21	26	23	26	31	25	31
13	10	85	16	105	15	95	17	95	16	85	16	85	16	11	16	105	15	11	15	65	15	65	17	75	17	95
14	25	27	26	25	26	28	26	25	26	18	26	85	26	65	26	75	26	12	26	16	24	14	24	95	24	105
15	22	15	22	12	22	11	22	105	22	105	22	95	22	65	22	65	22	75	22	75	21	105	21	95	21	11
16	23	95	22	85	23	55	23	55	23	65	23	65	23	45	23	55	23	4	27	3	27	65	30	75	30	65
17	20	45	20	4	20	4	20	4	20	55	20	75	20	12	20	13	17	13	18	12	18	18	17	15	16	13
18	26	19	26	13	26	95	26	55	21	85	24	11	23	11	24	11	24	45	23	75	23	11	22	75	22	85
19	20	15	19	18	18	11	18	45	20	15	20	15	20	13	20	105	20	75	20	45	20	45	20	55	20	45
20	20	55	20	85	17	55	17	95	17	12	18	13	16	105	18	15	16	12	18	15	16	15	16	26	18	20
21	19	105	25	55	25	65	25	75	25	45	25	55	25	65	25	65	25	75	17	85	16	105	16	65	17	45
22	16	18	16	85	14	13	17	12	17	20	20	29	17	26	17	32	18	35	18	30	17	25	18	25	19	27
23	24	20	24	21	24	26	25	25	24	20	24	24	25	33	26	24	26	17	26	14	26	14	24	18	24	27
24	18	22	18	22	18	21	19	17	20	17	21	21	22	24	23	31	27	35	27	33	28	32	27	39	26	36
25	24	18	24	24	25	23	25	19	24	19	24	22	26	16	25	11	23	105	24	12	23	12	23	11	22	11
26	21	105	19	105	19	85	19	105	14	14	14	13	15	11	16	75	17	65	20	14	20	105	20	95	20	14
27	23	22	24	25	24	30	24	29	24	29	24	27	25	31	25	27	25	23	25	18	25	13	25	12	25	85
28	25	85	25	14	25	95	25	105	25	45	25	75	25	45	25	4	25	65	25	45	25	55	25	55	25	65
29	14	26	14	27	14	25	13	26	13	24	13	23	14	17	15	15	15	12	16	12	16	55	16	55	18	12
30	18	11	18	17	19	75	19	65	19	75	19	55	16	12	15	11	16	14	15	12	18	85	19	19	18	16
31	25	13	26	18	26	25	26	29	25	27	26	24	26	17	26	13	26	95	26	11	26	85	26	55	26	45

RAIN FALL

GAUGE

 HEIGHT ABOVE GROUND 2 FEET
 HEIGHT ABOVE MEAN SEA LEVEL 48 FEET.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	WIDT.
1	.020	.120	.020	.	.030	.020	.	.005	.005	.	.	.	.010	.	.	.	.	.	.	.010	.030	.	.	.
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4	.	.	.005	.005	.005	.015	.005	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6	.015	.020	.050	.045	.	.005	.025	.070	.060	.060	.100	.070	.090	.010	.010	.090	.070	.030	.	.	.	.	.	.
7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.005	.005	.	.040
11	.025	.035	.020	.010	.005	.005	.	.	.	.	.	.	.	.	.	.015	.020	.015	.010	.	.	.005	.005	.
12	.005	.	.	.	.045	.	.	.	.005	.035	.095	.085	.010	.	.	.	.	.	.	.	.	.	.	.
13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
14	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
15	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.005	.055	.020	.005	.035	.015	.	.	.
16	.	.	.	.	.005	.035	.055	.085	.055	.025	.025	.020	.010	.010	.	.	.	.	.	.	.	.	.	.
17	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.015	.	.	.	.	.	.	.	.
18	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
19	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
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21	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
22	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.045	.005	.	.	.	.	.
23	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
24	.	.	.	.	.005	.	.010	.015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
25	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
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28	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
29	.010	.035	.055	.015	.055	.050	.055	.025	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
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Record defective or instrument out of action.

AND VELOCITY IN MILES PER HOUR

2		3		4		5		6		7		8		9		10		11		MJD		DAYS
D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	
1	12	3	15	32	105	32	105	31	11	31	95	30	85	30	85	32	95	32	95	32	85	1
2	45	28	55	28	55	28	45	28	55	28	85	28	45	28	4	28	4	28	45	28	65	2
3	65	20	75	20	65	20	55	20	45	20	3	20	4	16	45	16	45	16	45	16	45	3
4	55	18	45	18	75	17	55	17	55	17	75	17	105	18	4	18	45	18	45	18	55	4
5	85	16	65	16	65	16	65	14	15	14	16	14	15	14	19	13	22	13	30	13	28	5
6	31	13	30	13	31	13	28	14	22	15	105	16	11	18	20	18	21	18	14	18	15	6
7	65	17	85	17	95	18	105	18	45	19	11	19	105	19	75	19	65	19	85	20	13	7
8	12	17	16	18	13	16	11	16	65	16	95	17	12	18	85	15	12	17	15	18	16	8
9	75	19	65	16	11	16	14	16	19	15	20	16	16	14	15	16	14	15	16	14	19	9
10	14	14	15	14	15	15	14	14	16	16	11	15	11	15	13	17	11	18	85	18	85	10
11	21	14	30	14	31	14	34	14	38	14	34	15	29	15	32	15	26	16	19	16	15	11
12	22	20	14	22	16	20	16	21	65	21	105	21	13	21	105	18	12	18	105	16	65	12
13	55	17	65	17	55	17	75	19	11	20	55	20	85	20	15	24	22	25	26	26	31	13
14	16	22	12	22	105	22	12	22	12	22	95	22	12	22	11	22	16	22	14	22	13	14
15	15	17	15	17	13	17	11	15	95	17	95	18	75	18	85	22	75	22	65	22	105	15
16	11	29	105	28	4	28	45	28	45	28	45	28	55	28	45	28	65	20	3	20	4	16
17	95	25	55	22	11	22	14	24	105	24	15	25	25	26	15	23	13	23	13	25	18	17
18	65	22	65	22	4	22	45	22	4	22	45	22	4	22	45	22	45	22	75	22	105	18
19	4	20	45	20	65	20	95	20	65	20	65	20	45	20	65	20	45	20	45	20	4	19
20	13	16	12	18	17	17	13	16	18	16	15	17	14	17	105	16	11	18	14	19	13	20
21	55	17	3	17	65	17	75	17	65	17	55	17	45	17	45	14	95	16	11	18	105	21
22	22	19	14	22	18	27	23	25	21	26	15	26	14	24	16	25	21	25	21	24	17	22
23	32	25	32	26	30	26	23	25	22	22	105	20	75	18	85	18	16	17	16	18	17	23
24	33	26	37	25	40	26	47	26	43	25	37	26	38	25	40	26	33	26	33	23	17	24
25	11	24	13	24	95	24	95	24	95	24	75	24	105	22	95	22	75	22	65	22	65	25
26	16	24	21	24	24	24	25	23	26	24	25	24	26	23	23	22	20	24	21	23	23	26
27	13	25	105	25	12	25	12	25	105	25	12	25	14	25	15	25	85	25	105	25	75	27
28	65	25	65	25	75	25	65	24	85	20	85	18	13	14	21	14	25	14	25	14	27	28
29	105	18	55	18	85	18	65	16	105	15	45	15	75	18	12	18	12	18	105	18	105	29
30	95	15	105	16	105	17	85	17	55	21	45	21	55	21	95	21	95	22	65	23	105	30
31	65	26	85	26	105	26	45	26	45	26	65	26	85	26	85	26	55	26	55	26	4	31

VAPOUR TENSION. IN INCHES, BY GLAISHER'S TABLES, 5TH EDITION.

	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MJD	DAYS
43	250	240	240	239	249	245	231	242	251	242	252	259	252	262	253	245	238	239	245	255	254	260	246	1
38	232	232	232	243	242	234	222	215	212	227	235	242	242	240	231	225	212	205	212	213	212	196	191	2
33	178	185	198	186	194	213	215	213	215	219	226	227	228	226	231	234	233	239	238	242	251	252	260	3
28	256	260	258	252	254	253	248	238	243	246	247	239	236	233	231	222	221	214	204	205	203	210	210	4
23	215	214	215	215	211	203	207	214	217	218	222	231	231	235	242	245	253	250	258	262	253	258	259	5
18	253	268	255	239	247	249	248	254	242	266	271	271	275	274	285	290	295	294	285	271	258	247	286	6
13	235	221	211	208	197	182	180	184	180	170	170	174	184	198	186	181	177	168	165	166	168	164	160	7
8	146	145	144	139	144	153	164	185	200	205	214	227	234	242	253	258	268	270	266	267	268	274	260	8
3	253	249	244	238	227	234	244	242	244	253	270	276	278	280	282	284	282	279	282	281	268	270	268	9
31	269	269	264	264	259	260	258	266	264	272	276	274	274	279	276	276	272	266	265	261	250	260	261	10
26	249	241	240	241	228	218	208	206	204	200	203	212	211	216	222	229	232	238	248	254	265	276	288	11
21	303	309	310	295	296	293	254	253	246	197	196	194	195	191	185	179	178	171	168	165	161	168	175	12
16	170	173	177	170	176	177	180	175	176	186	178	184	184	173	161	159	156	151	153	164	172	192	194	13
11	177	174	167	168	164	156	154	159	168	166	170	174	173	176	175	174	173	177	178	182	186	183	185	14
6	193	194	191	186	192	191	193	192	192	199	199	203	211	209	217	233	245	249	243	236	219	214	210	15
31	211	214	218	222	227	235	239	240	246	269	263	269	279	285	280	278	277	281	283	286	285	284	276	16
26	266	254	251	234	219	227	231	246	253	267	262	269	270	288	267	233	224	214	216	217	217	217	212	17
21	206	203	190	194	189	185	185	181	189	194	202	206	203	194	195	178	175	177	178	172	180	186	186	18
16	203	207	213	222	221	239	242	246	246	240	220	216	219	222	207	201	200	204	197	193	198	192	190	19
11	189	188	182	181	182	186	185	194	198	206	214	217	218	226	235	241	249	253	256	257	258	259	260	20
6	279	281	266	241	247	224	228	234	234	231	225	222	214	212	216	231	240	251	253	256	264	275	287	21
31	304	291	276	286	248	262	261	261	268	275	279	273	283	286	281	251	226	221	205	191	175	174	168	22
26	168	157	100	160	151	158	160	148	150	149	*	172	144	*	*	148	155	159	153	164	176	188	187	23
21	198	197	199	203	192	171	189	177	172	158	144	118	103	111	123	122	119	135	126	129	122	119	113	24
16	118	122	122	133	128	125	123	112	113	973	979	980	982	983	978	978	973	976	977	972	972	971	969	25
11	988	102	123	158	*	*	*	*	134	141	139	135	144	127	132	124	127	130	141	146	144	151	152	26
6	158	162	157	165	171	170	170	173	177	122	127	*	130	127	123	117	111	112	117	121	115	114	117	27
31	132	125	124	124	116	118	119	121	119	120	131	133	140	147	152	147	135	148	156	*	167	176	177	28
26	206	211	213	218	224	228	230	229	230	234	237	234	234	230	229	224	209	209	202	215	214	210	220	29
21	227	230	237	238	242	239	249	245	236	202	199	196	209	211	214	210	206	195	196	188	186	187	182	30
16	175	160	168	167	170	171	170	173	169	173	177	176	179	183	175	178	174	169	171	178	176	174	176	31



BAROMETER.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1
1	28.858	28.879	28.905	28.930	28.961	28.995	29.037	29.081	29.120	29.153	29.183	29.203	29.22
2	29.557	29.583	29.599	29.615	29.633	29.657	29.687	29.727	29.753	29.801	29.825	29.835	84
3	30.016	30.007	30.007	30.003	997	30.003	30.007	30.015	30.015	30.019	30.021	30.009	99
4	29.891	29.886	29.868	29.853	841	29.833	29.825	29.830	29.836	29.837	29.838	29.814	77
5								758		751	743	716	68
6	29.6	268	262	250	242	233	225	222	226	252	267	285	28
7	645	657	665	675	684	695	692	29.714	29.732	29.740	29.739	29.732	29.71
8	870	916	932	940	963	974	996	30.016	30.034	30.060	30.059	30.053	30.04
9	975	962	945	931	917	905	897	29.895	29.899	29.880	29.884	29.850	29.8
10	674	653	638	614	605	600	601	610	621	632	641	635	65
11	849	849	863	869	887	899	909	925	937	935	943	915	89
12	602	583	565	585	597	617	639	661	695	723	747	749	75
13	762	765	29.779	29.779	29.777	29.769	29.779	29.781	29.783	29.790	29.788	29.790	29.78
14	29.954	29.984	30.016	30.028	30.038	30.054	30.076	30.106	30.130	30.151	30.160	30.163	30.16
15	30.288	30.287	281	277	277	285	283	283	297	301	295	283	27
16	253	270	288	283	280	271	273	299	309	315	310	297	29
17	271	283	275	268	267	267	263	265	273	279	286	266	24
18	326	330	352	359	354	366	368	384	402	422	420	400	39
19	362	366	366	356	342	337	340	342	344	370	385	376	37
20	436	439	439	435	426	426	425	435	441	439	437	427	41
21	365	360	352	340	324	324	324	326	322	324	321	306	28
22	30.229	30.227	30.227	30.217	30.197	30.191	30.176	30.171	30.158	30.157	139	114	08
23	29.854	29.848	29.842	29.816	29.814	29.824	29.870	29.910	29.932	29.989	30.025	30.027	30.02
24	30.027	30.004	989	954	915	881	846	809	795	783		29.763	29.68
25								673		645	29.633	597	
26	29.261	29.271	261	258	253	269	291	327	345	357	372	373	36
27	462	467	471	465	450	445	457	473	497	517	533	535	55
28	785	805	825	836	828	821	819	823	808	795	765	719	68
29	523	497	465	453	427	419	432	455	475	487	504	500	50
30	586	586	582	580	554	538	539	542	29.518	29.496	29.472	29.430	29.38
31	29.698	29.750	29.799	29.838	29.866	29.904	29.946	29.996	30.036	30.072	30.102	30.112	30.119

DRY BULB THERMOMETER 11 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	449	450	452	456	452	458	461	460	457	469	469	483	487	468	466	476	470	475	470	479	483	473	474	475
2	472	473	470	471	450	457	462	458	465	463	462	469	460	467	469	460	452	447	437	439	425	413	407	405
3	410	403	397	396	396	393	393	396	410	424	439	448	450	454	458	452	446	437	428	426	431	438	437	429
4	414	424	429	424	420	419	414	426	435	443	459	468	468	469	465	459	457	447	449	440	439	440	437	431
5	413	410	416	410	416	430	439	449	474	481	486	489	494	449	449	449	449	449	449	449	449	449	449	449
6	522	529	532	531	527	526	526	530	532	526	521	524	523	520	505	499	497	490	488	470	470	469	460	453
7	457	458	456	453	454	446	450	450	458	471	477	487	480	489	489	485	472	460	449	459	440	429	426	420
8	420	420	421	422	430	437	443	440	443	459	477	479	474	487	480	468	455	446	439	443	453	452	467	477
9	479	482	484	481	477	478	480	480	482	486	490	489	492	490	490	489	490	489	489	490	491	491	489	488
10	487	482	483	483	482	479	479	476	479	478	479	482	483	486	480	479	479	479	468	464	454	455	465	457
11	459	451	445	438	429	422	425	421	424	434	454	474	485	481	482	480	491	497	506	511	511	514	515	513
12	516	519	521	520	504	485	485	479	477	470	470	471	487	471	468	439	421	416	420	425	435	456	432	424
13	429	428	413	415	418	414	413	414	422	418	450	437	438	439	446	440	431	418	417	420	421	419	420	420
14	419	420	420	416	419	413	410	419	415	427	459	468	470	470	460	436	429	413	405	407	403	427	413	408
15	400	401	390	397	402	397	410	428	437	451	471	480	488	487	488	486	488	490	491	481	487	475	480	459
16	456	447	456	445	450	446	456	442	452	461	483	497	492	499	493	489	487	485	489	490	490	487	480	481
17	477	476	477	473	474	472	470	469	470	472	481	483	492	499	499	497	492	494	505	505	490	480	472	472
18	467	462	451	450	435	422	415	429	431	439	456	464	477	478	475	458	436	437	427	429	442	444	448	446
19	450	447	449	449	451	458	466	469	477	482	490	495	498	498	500	493	495	485	485	476	475	477	476	467
20	472	474	470	464	466	470	470	473	480	480	486	490	490	487	487	486	487	484	476	470	472	468	468	465
21	463	462	457	449	453	460	463	463	466	482	495	496	506	507	504	500	495	480	486	487	487	484	482	482
22	480	471	476	477	480	479	482	483	484	489	490	491	491	490	490	485	483	480	483	486	488	484	491	490
23	495	498	503	503	503	503	475	466	463	457	461	462	467	465	462	453	445	447	439	437	440	446	441	436
24	438	440	441	441	438	440	440	445	450	457	470	477	478	457	465	460	458	447	447	429	426	420	413	419
25	426	416	408	410	420	409	409	402	410	421	435	436	434	440	439	427	423	421	415	409	409	402	402	381
26	377	404	420	415	435	428	430	429	420	417	437	438	435	430	417	412	428	429	410	420	416	417	422	420
27	419	420	415	418	412	414	413	412	417	423	432	437	437	434	432	428	420	409	420	420	411	407	402	408
28	399	391	397	392	400	402	405	412	413	406	479	479	492	506	520	518	517	517	520	519	518	517	517	519
29	520	519	519	521	522	521	518	515	520	521	528	531	524	528	520	510	513	508	513	514	518	517	515	513
30	517	514	517	518	518	518	519	520	518	521	523	527	522	522	528	501	498	469	454	455	455	463	469	466
31	464	460	459	459	456	455	459	457	449	459	470	477	479	479	473	467	447	430	441	439	439	419	419	433

* Record defective or Instrument out of action. * Reading of Standard.

CISTERN 211 FEET ABOVE MEAN SEA LEVEL.												
2	3	4	5	6	7	8	9	10	11	MIDT.		DAYS.
29.247	29.279	29.303	29.334	29.369	29.393	29.417	29.445	29.477	29.507	29.535		1
.863	.877	.903	.923	.933	.951	.975	.992	30.005	30.009	30.017		2
.971	.967	.965	.963	.963	.965	.963	.957	29.935	29.925	29.903		3
.786	.791	.790	.790	.801	.800	.796	.x	.801	.x	.x		4
.674	.660	.624	.620	.582	.543	.530	.488	.446	.390	.350		5
.322	.364	.395	.424	.475	.500	.528	.564	.590	.607	.620		6
29.699	29.696	29.710	29.716	29.734	29.746	29.766	29.788	29.806	.826	.856		7
30.045	30.040	30.049	30.042	30.037	30.031	30.031	30.019	30.011	.999	.985		8
29.798	29.790	29.774	29.760	29.756	29.742	29.734	29.723	29.710	.698	.680		9
.661	.674	.691	.719	.751	.773	.793	.804	.809	.817	.827		10
.861	.850	.821	.797	.761	.760	.760	.739	.705	.677	.645		11
.763	.795	.802	.807	.807	.813	.817	.807	.783	.772	.764		12
29.770	29.776	29.788	29.806	29.838	29.853	29.878	29.896	29.916	29.934	29.948		13
30.178	30.195	30.215	30.231	30.247	30.249	30.272	30.280	30.281	30.283	30.295		14
.255	.253	.245	.237	.235	.239	.243	.232	.247	.253	.255		15
.275	.273	.277	.283	.282	.287	.287	.288	.287	.277	.275		16
.234	.232	.234	.239	.246	.242	.254	.274	.281	.306	.324		17
.389	.386	.387	.387	.387	.387	.377	.384	.379	.377	.370		18
.371	.375	.391	.406	.417	.431	.429	.438	.444	.441	.439		19
.402	.396	.392	.387	.384	.384	.386	.382	.374	.372	.374		20
.276	.281	.275	.268	.275	30.278	30.276	30.271	30.267	30.255	30.248		21
.057	.049	.034	.010	.000	29.978	29.962	29.936	29.907	29.889	29.874		22
30.046	30.067	30.081	30.091	30.098	30.115	30.117	30.103	30.086	30.076	30.057		23
29.680	29.683	29.693	29.705	29.713	.x	.x	.x	29.725	.x	.x		24
.523	.497	.467	.433	.397	29.371	29.335	29.275	.223	29.191	29.221		25
.383	.393	.401	.412	.421	.431	.442	.450	.468	.468	.461		26
.567	.595	.623	.641	.663	.683	.711	.733	.755	.778	.785		27
.657	.651	.661	.657	.642	.637	.623	.607	.579	.559	.540		28
.512	.520	.522	.521	.531	.554	.561	.574	.586	.592	.592		29
29.534	29.296	29.301	29.300	29.351	29.392	29.464	29.514	29.558	29.600	29.652		30
30.129	30.145	30.160	30.161	30.166	30.172	30.175	30.181	30.179	30.170	30.159		31

WET BULB THERMOMETER																						11 FEET ABOVE GROUND.		
1	2	3	4	5	6	7	8	9	10	11	MOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
39	440	444	446	439	431	432	432	430	449	447	453	446	442	443	439	438	430	435	440	444	444	441	437	1
37	440	440	442	430	429	436	432	438	433	430	430	427	428	435	435	427	420	414	414	404	394	390	387	2
90	383	376	372	371	372	373	375	389	400	417	424	430	433	435	433	430	421	417	415	420	424	423	418	3
05	414	418	414	416	415	409	408	417	423	430	440	447	449	446	441	439	433	436	437	428	430	424	424	4
08	404	410	407	410	422	426	431	450	454	456	454	450	448	448	441	450	459	472	480	489	493	500	509	5
20	527	532	530	522	520	518	520	522	507	510	512	505	494	475	454	456	453	451	433	439	431	427	421	6
28	428	429	428	423	425	424	424	432	439	444	445	459	465	468	464	458	444	435	432	446	406	399	394	7
02	391	395	396	400	402	409	408	410	426	439	438	448	445	442	435	429	421	417	420	428	428	440	447	8
50	456	455	451	446	452	453	456	460	463	465	463	460	456	459	455	456	460	457	454	450	448	450	446	9
39	433	436	435	435	431	437	437	442	442	444	445	446	448	443	445	446	448	446	444	446	448	438	430	10
24	413	412	409	406	400	397	392	392	404	422	430	439	441	449	456	463	471	483	489	496	499	504	506	11
08	510	518	513	470	451	450	451	448	450	440	429	437	426	431	417	406	396	394	399	405	418	418	408	12
10	400	391	394	393	394	393	389	394	401	423	416	416	410	419	410	407	394	399	396	392	388	392	391	13
91	342	340	338	337	335	332	333	336	403	417	423	428	433	422	414	405	393	388	389	386	405	395	382	14
80	383	374	380	386	385	390	395	404	415	433	434	443	446	451	454	458	463	469	472	481	461	467	447	15
41	435	439	433	434	437	442	443	440	447	446	473	470	473	470	467	466	464	468	467	468	466	460	457	16
51	449	448	449	448	446	447	444	446	449	445	456	461	474	482	485	486	488	495	495	481	467	462	460	17
55	450	440	447	429	414	410	415	414	424	440	444	449	453	450	434	418	417	409	403	419	423	424	424	18
33	434	440	443	447	452	460	465	471	478	486	490	493	474	449	446	485	478	477	474	470	470	467	462	19
66	466	463	457	460	464	465	468	470	471	477	480	484	480	480	480	481	479	467	465	464	461	460	456	20
52	434	434	435	443	453	456	457	460	476	487	486	490	487	489	488	486	473	481	482	482	479	475	476	21
75	465	470	471	474	474	477	479	480	483	485	489	487	484	483	479	477	475	468	468	481	473	483	486	22
90	492	497	494	498	496	470	449	433	418	414	411	428	444	453	466	473	439	434	430	434	433	432	429	23
30	432	435	435	432	433	437	439	444	450	452	454	446	439	436	428	420	410	410	412	412	409	401	402	24
04	402	398	399	410	400	398	395	399	409	406	409	440	441	413	417	403	406	400	405	401	400	396	397	25
70	394	410	399	405	392	.x	409	.x	413	405	405	404	402	394	393	398	387	390	390	391	399	397	390	26
89	388	389	389	388	387	387	389	393	390	398	394	394	393	394	395	391	382	392	385	380	379	378	379	27
73	369	373	370	379	380	387	399	413	439	459	469	488	500	516	512	510	507	510	511	508	507	502	503	28
07	509	513	517	520	520	515	510	513	505	510	507	502	501	500	496	499	493	500	502	502	504	502	503	29
07	504	508	508	508	508	509	511	511	516	515	514	511	518	520	489	489	448	427	424	429	429	437	429	30
28	424	422	423	428	.x	.x	428	419	423	434	434	436	436	439	427	416	425	424	421	407	412	422	422	31

Meteorological Office.
 116, Victoria Street, Westminster. S. W.
 ROBERT H. SCOTT, Secretary.

WIND																		DIRECTION IN NUMBERS				8-E 16-S		24-W 32-N		
DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		1	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	2	05	26	95	27	105	27	15	29	12	28	20	28	19	28	77	28	14	28	17	30	24	29	23	29	23
2	27	27	27	27	29	28	29	28	30	25	30	26	32	20	1	10	1	18	2	18	1	18	1	18	1	22
3	32	17	32	17	32	15	32	15	32	15	32	85	32	105	32	13	32	11	32	105	31	95	31	95	32	11
4	3	55	3	55	3	55	3	55	3	45	3	55	3	45	3	4	3	45	3	45	...	*	*	...	2	13
5	2	45	2	55	2	55	2	3	2	45	2	55	2	65	8	105	11	10	11	17	12	22	12	22	13	25
6	15	30	18	23	21	24	21	20	21	21	21	13	20	24	20	26	21	27	23	21	23	24	23	22	24	34
7	23	15	23	11	23	75	23	55	23	55	23	85	23	85	23	75	23	95	22	95	22	105	22	85	22	05
8	27	55	27	105	26	05	26	75	25	95	25	11	25	13	24	105	24	11	24	75	23	105	23	95	21	13
9	16	19	15	19	15	23	15	21	15	21	15	25	15	25	15	24	15	25	14	23	14	25	14	24	15	26
10	15	23	15	21	15	20	15	19	14	19	14	18	14	16	14	16	13	16	12	14	12	16	12	13	12	11
11	20	21	30	26	29	22	29	13	29	45	26	75	26	105	26	13	26	105	26	75	22	65	20	15	20	23
12	17	36	19	39	19	38	21	32	23	27	24	20	24	25	25	24	25	22	25	21	25	24	25	21	25	25
13	24	19	25	24	24	21	24	18	24	18	25	14	23	15	23	13	23	18	23	11	22	22	23	19	24	20
14	27	11	27	95	28	11	28	105	28	105	28	105	28	95	28	12	29	45	28	95	28	13	27	14	27	15
15	23	4	23	4	23	4	23	3	23	45	23	45	23	45	21	105	21	11	20	105	19	16	19	15	19	17
16	24	105	24	65	26	11	26	95	26	13	25	17	25	15	25	11	23	105	23	13	24	21	25	22	26	17
17	27	11	26	11	26	12	26	11	26	95	26	105	26	105	24	95	23	12	24	85	23	15	24	15	24	15
18	28	11	28	105	28	95	28	65	28	65	28	85	28	55	28	65	28	4	28	4	28	3	28	2	28	3
19	28	45	28	45	28	45	28	55	28	85	20	65	20	85	20	75	20	55	20	45	20	4	20	4	20	45
20	20	55	20	3	20	2	20	4	20	4	20	3	20	3	20	3	20	4	20	3	19	3	19	75	19	85
21	24	85	24	85	24	95	24	85	24	75	24	75	24	75	24	65	24	65	24	55	23	65	26	85	26	85
22	27	85	27	75	27	55	27	75	27	55	27	55	27	95	24	105	22	15	22	15	20	17	21	21	21	22
23	23	19	23	19	24	21	25	27	26	21	27	21	31	26	31	19	31	18	31	20	32	22	31	19	30	20
24	23	13	23	13	23	15	23	19	24	18	23	18	23	18	24	24	23	21	23	19	25	32	25	32	25	28
25	27	14	27	13	26	15	27	11	28	11	28	105	27	95	23	55	23	65	27	105	26	105	26	95	25	85
26	29	95	29	15	26	18	27	26	27	26	28	20	27	26	27	26	28	24	27	23	27	26	26	21	26	22
27	27	11	28	95	28	75	28	85	28	55	28	55	28	65	28	55	28	45	28	65	27	85	28	14	27	15
28	27	65	27	75	27	65	27	75	27	45	27	3	27	3	27	3	18	95	17	15	16	22	16	22	17	19
29	20	28	19	29	19	30	20	33	21	32	21	34	22	31	22	25	22	23	23	16	22	23	22	19	22	22
30	21	20	20	21	20	22	20	24	20	22	20	27	20	22	19	21	19	21	19	27	18	31	18	34	18	32
31	28	25	27	23	28	21	28	21	28	18	28	19	28	16	28	95	28	12	28	11	27	13	27	13	27	14

RAINFALL												GAUGE { HEIGHT ABOVE GROUND 2 FEET HEIGHT ABOVE MEAN SEA LEVEL 167 FEET.												
DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	W.D.T.
1	015	010	055	025	005	005	.	.	.	015	010	.	.	010	030	010	.	.	.	.	.	.	.	.
2	005	.	.	005	005	015	.	.	.	.	.	.	.	.	010	030	010	.	.	.	.	.	.	.
3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	010	070	080	160	100
6	230	125	075	015	010	005	.	.	.	.	.	.	010	.	.	.	.	.	.	.	005	.	.	005
7	.	.	.	.	.	.	.	.	.	.	.	.	005	.	.	.	.	.	.	.	.	.	.	005
8	.	.	.	.	005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	005	020	005	.
11	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	005	070	015
12	165	115	075	005	.	005	.	.	.	010	010	.	.	.	.	010	025	.	.	.	.	005	070	020
13	025	025	.	005	.	.	.	005	.	020	.	010	.	.	.	.	.	.	.	005	.	.	.	.
14	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
15	.	.	005	.	.	.	.	.	.	005	.	.	.	.	.	.	.	.	.	.	050	005	.	005
16	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
17	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
18	.	.	.	.	.	.	005	.	.	005	005	.	.	.	.	.	.	.	.	.	.	.	.	005
19	020	050	005	025	010	005	015	010	.	005	.	005	005	010	005	.	.	010	005	005	.	.	.	005
20	.	.	.	.	005	005	005	.	.	040	.	.	.	015	.	010	010	025	.	.	.	005	005	.
21	.	.	.	.	.	.	.	.	.	008	.	.	.	.	005	015	005	005	010	005	010	005	005	.
22	.	.	.	005	.	005	.	005	.	005	.	.	.	005	015	005	005	010	.	005	.	005	.	.
23	015	015	010	005	010	015	010	.	.	.	.	.	.	.	005	010	060	005	.	.	.	005	.	005
24	.	.	.	.	.	.	.	.	.	.	.	.	.	005	010	060	005	.	.	.	.	005	.	005
25	.	.	005	.	.	.	.	.	.	005	.	.	.	.	.	.	.	.	025	125	060	065	105	060
26	.	005	025	065	005	005	005	005	.	020	.	005	015	020	010	010	.	.	010	.	005	.	005	.
27	.	010	005	.	.	.	.	.	.	005	.	.	.	.	.	.	.	.	.	.	.	.	.	.
28	.	.	.	.	.	.	.	.	.	.	.	.	005	030	090	105	030	005	005	.	.	010	005	.
29	.	030	030	005	025	015	010	.	025	005	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30	.	020	.	005	010	005	.	.	.	015	.	030	005	020	030	085	050	.	.	.	.	.	.	.
31	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

* Record defective or Instrument out of action ** Obtained from reading of Standard * Approximate.

AND VELOCITY IN MILES PER HOUR

2		3		4		5		6		7		8		9		10		11		MIDT		DAY
D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	
28	18	28	21	29	25	29	25	29	28	28	27	29	29	29	34	29	29	29	31	28	32	1
32	17	32	18	32	16	32	17	2	19	2	13	2	18	1	12	31	14	31	16	31	17	2
2	105	2	11	2	105	2	65	2	85	2	65	2	75	2	65	2	65	2	55	2	65	3
2	2	2	2	2	4	2	3	2	4	2	3	2	3	2	45	2	4	2	3	2	4	4
13	24	13	24	12	28	13	27	13	31	12	33	14	34	13	36	13	39	14	37	15	29	5
25	32	25	33	25	30	25	28	25	24	25	26	25	23	25	20	24	17	24	14	23	15	6
22	55	22	55	22	65	22	95	27	95	27	13	29	16	29	75	29	105	29	75	28	65	7
20	11	20	85	20	95	20	105	20	105	20	12	18	12	18	12	18	13	17	15	16	19	8
15	26	15	22	15	55	15	25	15	24	14	22	15	24	15	25	15	25	15	22	15	22	9
12	85	12	85	12	65	12	45	12	3	12	55	21	55	21	3	27	13	29	23	28	22	10
9	23	19	19	19	24	19	26	19	36	19	32	19	20	19	34	19	31	19	31	19	33	11
5	21	25	17	25	17	25	13	23	14	23	17	23	15	22	19	19	24	21	25	24	22	12
4	22	24	21	25	18	26	16	26	12	25	13	27	15	27	14	27	13	27	13	27	12	13
27	12	27	11	25	85	25	105	25	85	27	65	27	45	27	55	27	4	27	3	27	75	14
18	15	19	17	19	18	19	20	19	23	19	23	21	27	22	17	23	15	25	14	24	12	15
26	18	26	17	27	19	26	17	26	16	26	14	26	15	26	105	26	11	26	14	26	11	16
25	16	25	14	23	12	23	65	23	95	25	13	27	15	28	11	28	13	28	95	28	105	17
28	4	28	45	28	45	28	65	28	55	28	45	28	45	28	65	28	3	28	45	28	55	18
20	55	20	65	20	65	20	55	20	75	20	75	20	75	20	45	20	45	20	3	20	55	19
19	85	19	55	19	4	19	45	19	65	19	75	19	65	21	105	24	55	24	95	24	65	20
26	75	26	55	26	65	26	45	26	65	26	45	26	4	27	45	27	3	27	55	27	45	21
20	18	22	19	20	18	21	21	23	17	23	16	22	18	23	19	22	26	22	24	23	21	22
31	18	31	16	29	15	29	105	29	55	29	4	29	65	29	55	27	75	25	105	25	75	23
28	26	28	19	28	16	29	16	29	12	29	105	27	75	27	105	28	105	27	12	27	12	24
25	95	22	11	23	95	23	11	24	105	24	95	24	3	24	95	6	15	5	18	2	105	25
27	25	26	22	26	24	26	18	26	20	25	22	26	20	26	20	27	18	27	16	27	15	26
27	11	27	11	27	85	27	65	27	75	27	95	27	85	27	65	27	65	27	55	27	65	27
9	19	23	21	22	24	21	23	20	25	20	28	20	27	20	29	20	31	20	29	20	29	28
3	22	22	25	22	23	22	27	22	25	22	25	22	30	22	26	21	26	21	23	21	19	29
18	32	19	38	21	31	23	28	27	32	28	41	27	32	27	26	27	24	27	24	28	28	30
27	95	27	75	27	65	27	75	24	105	24	105	24	85	24	65	24	45	24	3	24	3	31

VAPOUR TENSION. IN INCHES, BY GLAISHER'S TABLES, 5TH EDITION.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	DAYS
74	275	283	283	271	248	247	248	247	274	260	267	251	259	265	245	249	229	243	244	249	259	251	242	1
45	250	253	256	253	245	255	250	255	247	242	234	231	232	244	255	245	256	235	233	228	220	218	215	2
15	210	203	197	195	200	202	202	213	221	239	243	253	256	257	258	258	249	251	249	254	254	254	252	3
42	249	252	249	251	249	244	248	253	256	261	275	270	274	271	268	266	264	267	270	262	265	262	263	4
49	244	250	250	250	259	258	257	270	271	271	264	251	247	249	239	255	273	296	313	335	343	354	368	5
85	395	403	401	384	380	375	374	377	345	360	360	344	320	293	254	260	261	259	234	251	236	238	233	6
43	242	246	244	236	248	241	241	250	250	254	261	275	288	295	290	291	274	265	240	236	224	217	214	7
11	209	215	216	215	212	219	220	221	237	244	240	247	247	247	245	246	239	239	241	246	247	257	260	8
64	254	271	264	258	270	270	276	283	287	287	284	276	268	274	267	268	257	271	263	254	250	256	249	9
35	228	233	232	232	227	238	241	248	249	252	251	253	254	249	254	256	260	268	269	285	288	255	247	10
34	219	223	224	227	223	215	210	207	219	234	239	237	244	259	271	282	292	310	320	337	341	351	360	11
61	362	382	369	303	261	257	256	263	275	253	230	232	224	237	239	236	222	214	218	220	225	240	237	12
35	234	215	218	214	219	218	210	212	229	239	230	238	225	235	224	227	216	216	218	210	205	211	209	13
10	211	207	205	203	204	201	213	222	224	221	222	220	239	229	236	276	218	215	216	215	226	222	203	14
07	212	216	210	216	220	215	208	216	223	238	232	243	249	259	267	274	283	295	313	329	294	302	281	15
71	270	267	263	273	269	273	267	273	284	296	297	295	294	294	292	293	295	296	294	292	285	277	16	
69	266	263	269	266	264	268	263	266	271	275	274	276	296	315	326	335	337	348	342	325	302	300	295	17
9	285	274	275	269	252	251	246	252	252	269	269	265	272	269	254	244	241	235	233	240	246	243	245	18
60	266	276	283	291	294	303	312	316	327	338	341	345	348	350	334	328	324	321	320	316	313	308	307	19
10	307	306	299	303	308	311	314	309	312	320	322	332	326	326	327	329	327	308	311	305	304	301	295	20
88	261	255	265	279	294	297	300	303	322	333	330	327	319	328	329	331	317	330	331	331	327	320	322	21
22	310	315	317	319	320	325	328	330	331	335	344	339	332	330	327	323	322	301	298	328	312	329	338	22
41	342	342	341	352	346	316	278	247	223	213	207	232	268	292	286	277	277	275	269	274	269	269	268	23
67	270	276	276	272	272	281	279	287	291	280	276	300	266	250	240	227	217	217	239	242	243	234	230	24
35	233	233	233	245	236	233	235	233	242	221	226	228	230	239	224	234	236	240	235	236	236	239	217	25
12	240	245	228	220	203	*	233	*	256	218	217	218	219	215	219	213	193	215	207	212	226	219	207	26
06	204	209	207	210	207	208	211	215	204	209	198	198	198	202	208	200	202	211	199	196	198	201	197	27
05	196	197	197	205	205	215	211	240	263	284	308	340	353	377	369	365	357	361	365	359	357	344	344	28
53	359	370	379	385	387	378	367	369	377	350	339	335	328	335	338	342	333	345	348	343	349	346	352	29
57	353	360	359	359	359	359	364	366	376	371	362	361	380	377	371	375	272	243	237	246	239	248	235	30
30	227	230	232	244	*	*	243	232	232	241	235	236	236	248	255	251	247	254	253	247	240	250	256	31

Meteorological Office,

116, Victoria Street, Westminster, S.W.

ROBERT H. SCOTT, Secretary.

BAROMETER.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1
1	28.806	28.840	28.866	28.880	28.885	28.881	28.875	28.866	28.856	28.847	28.838	28.828	28.818
2	28.806	28.840	28.866	28.880	28.885	28.881	28.875	28.866	28.856	28.847	28.838	28.828	28.818
3	908	906	904	904	892	894	900	906	902	908	902	894	886
4	85	750	728	710	705	702	680	692	685	682	665	647	629
5	617	621	608	603	601	29.601	29.605	29.606	29.601	29.607	29.577	29.587	29.545
6	243	221	159	135	039	28.986	28.955	28.945	28.919	28.909	18.893	28.852	28.803
7	125	127	183	221	255	29.291	29.323	29.347	29.363	29.405	29.493	29.407	29.413
8	811	829	833	856	867	877	899	829	843	865	872	872	860
9	740	742	730	730	720	720	708	707	708	698	688	668	650
10	826	820	812	802	800	800	804	816	826	836	841	835	821
11	811	801	844	891	885	885	891	811	817	826	808	891	828
12	156	132	118	098	082	076	062	078	116	190	205	228	263
13	885	871	861	850	851	845	835	821	838	839	841	842	841
14	843	851	857	864	835	866	907	943	777	805	810	839	846
15	971	975	979	973	971	975	975	975	975	975	953	950	934
16	864	852	858	862	848	832	828	822	845	865	864	852	860
17	29.906	29.966	29.958	29.948	29.932	29.924	29.910	29.912	29.910	29.924	29.903	29.875	29.861
18	30.017	30.055	30.071	30.069	30.073	30.095	30.105	30.133	30.145	30.155	30.154	30.142	30.148
19	26	122	122	116	106	102	114	118	121	158	150	156	166
20	254	252	252	248	236	234	232	236	236	228	232	204	184
21	30.074	30.072	30.068	30.054	30.046	30.053	30.051	30.054	30.062	30.066	30.086	30.040	30.024
22	29.922	29.922	29.894	29.860	29.826	29.804	29.770	29.700	29.732	29.710	29.677	29.643	29.619
23	305	435	485	503	525	535	561	507	627	631	668	678	679
24	533	485	425	379	321	267	213	179	145	137	098	102	180
25	29.364	29.374	29.380	29.373	29.360	29.338	29.334	29.336	29.330	29.324	29.302	29.272	29.250
26	28.938	28.900	28.866	28.828	28.792	28.796	28.802	28.816	28.842	28.830	28.842	28.854	28.856
27	29.022	29.040	29.052	29.050	29.054	29.060	29.070	29.088	29.110	29.124	29.139	29.131	29.143
28	420	451	463	492	483	497	529	543	553	555	555	545	529
29	263	177	145	115	077	047	037	043	035	045	052	052	056
30	205	222	222	222	215	208	202	204	204	205	196	173	142
31	29.232	29.295	29.352	29.392	29.440	29.502	29.556	29.620	29.646	29.676	29.705	29.728	29.749

DRY BULB THERMOMETER 7 FEET ABOVE GROUND.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	
1	40.1	40.1	40.2	40.2	40.9	40.2	39.8	39.7	40.1	40.3	41.3	42.8	43.8	43.2	43.0	42.9	42.5	42.5	42.7	41.8	40.2	41.1	41.0	41.0	
2	40.8	40.0	40.4	39.9	41.2	41.1	41.8	43.0	43.1	43.8	44.3	44.9	45.0	45.6	44.9	42.9	42.2	41.1	41.0	40.0	40.0	40.9	41.9	41.1	
3	42.0	42.0	42.2	42.1	42.1	42.1	42.6	42.9	43.0	43.2	44.4	44.9	44.8	44.1	43.9	43.0	42.7	42.1	42.2	41.9	42.0	41.1	40.9	41.1	
4	41.0	40.0	40.0	40.4	40.1	40.4	40.6	40.4	40.6	41.1	42.1	42.7	42.9	42.9	42.3	42.2	42.6	41.8	41.1	41.0	41.1	41.0	41.0	40.9	
5	41.0	40.8	40.1	40.0	39.2	40.0	39.0	40.0	39.1	40.0	41.3	41.9	41.7	41.3	41.1	41.6	41.9	42.1	42.0	42.0	41.1	41.8	41.6	41.2	
6	41.1	40.3	40.0	40.5	40.7	42.2	42.9	43.5	44.9	45.4	46.8	47.8	48.3	49.0	48.8	48.8	47.8	47.9	47.5	45.8	44.2	44.0	41.8	41.1	
7	42.0	41.4	43.1	43.6	42.2	41.2	41.0	40.7	39.3	38.5	38.5	40.7	41.9	42.5	41.9	40.0	39.0	37.0	36.6	37.6	36.9	37.1	38.9	38.4	
8	38.1	37.1	37.2	38.9	39.2	39.4	40.5	40.8	42.4	43.6	44.4	45.6	45.0	45.0	45.2	45.0	44.8	44.0	43.1	43.9	43.7	43.8	42.9	43.2	42.6
9	41.1	40.2	39.3	37.6	37.5	37.3	37.2	38.1	39.1	40.0	42.0	42.9	43.3	43.0	43.9	43.9	44.0	44.0	43.9	43.0	43.4	43.1	43.2	43.0	
10	42.7	42.6	42.9	42.9	42.9	42.8	42.7	42.0	42.0	42.0	42.1	42.5	42.0	41.9	41.6	40.9	39.3	38.5	37.9	35.9	36.8	37.2	37.1	36.8	
11	39.2	37.1	37.0	37.9	38.1	38.2	37.1	37.0	39.0	39.8	40.9	40.9	42.2	41.0	40.4	40.3	40.5	41.0	41.1	41.9	42.9	42.9	43.2	45.0	
12	45.6	44.8	44.9	44.4	47.9	47.3	45.8	46.0	46.3	46.0	42.9	43.0	42.9	43.0	42.9	42.0	40.8	39.7	39.4	39.2	38.1	38.0	38.1	37.8	
13	35.5	35.1	36.7	37.1	35.9	35.9	35.5	37.2	37.1	38.0	36.6	36.0	39.4	40.0	40.2	39.2	38.1	38.0	38.1	39.8	39.0	39.1	37.5	38.0	
14	38.7	34.0	39.1	38.3	35.4	35.8	35.1	34.3	33.9	35.0	37.0	38.0	39.0	39.0	39.2	38.2	39.6	40.0	39.2	39.1	37.9	37.0	37.0	36.7	
15	36.5	37.9	38.9	38.0	38.1	38.4	39.0	38.0	37.8	34.0	40.9	41.7	41.9	41.8	41.8	41.5	41.9	42.1	45.7	45.6	44.2	44.1	43.9	43.8	
16	43.1	43.1	44.1	44.2	46.5	46.8	45.5	45.2	45.8	45.8	46.2	46.9	47.0	47.1	45.9	46.9	47.0	47.3	47.9	47.9	47.1	46.2	45.6		
17	45.1	45.6	45.0	46.2	46.7	44.4	44.6	44.2	44.1	46.2	44.9	45.1	44.9	43.9	43.6	43.6	45.3	46.6	46.7	47.0	46.2	44.5	44.4	44.0	43.9
18	44.2	41.0	41.7	42.4	43.9	41.6	40.5	41.3	38.7	37.9	39.4	41.8	41.8	41.2	40.9	39.8	39.9	39.7	39.8	41.0	41.2	41.0	40.9		
19	40.2	39.8	39.4	40.0	40.0	40.1	39.0	40.2	40.2	41.3	42.0	43.0	43.1	44.8	44.4	42.8	40.8	40.0	39.1	39.9	39.3	38.2	37.1		
20	35.1	34.0	32.0	32.0	31.9	30.4	29.1	30.1	30.1	33.0	32.9	33.3	36.5	38.2	39.1	38.3	38.0	39.1	40.0	40.7	40.9	41.1	40.8	40.8	
21	41.1	41.1	41.2	42.9	43.8	44.1	44.2	44.5	44.9	45.1	45.6	46.0	46.4	46.1	46.4	46.2	46.2	46.2	46.1	46.3	46.1	46.0	46.0	45.9	
22	45.0	46.0	46.0	46.0	46.3	46.8	46.2	46.6	47.0	47.8	47.7	47.0	46.9	46.8	46.9	47.0	47.2	47.1	47.1	47.8	48.0	48.1	47.7	48.1	
23	43.1	42.3	41.2	40.5	39.9	39.1	39.0	38.5	38.8	39.0	41.5	41.2	41.4	40.1	40.0	39.2	39.9	39.9	39.9	39.0	39.9	39.9	40.9	40.7	
24	43.8	43.0	40.0	41.1	41.1	41.2	41.9	42.1	42.5	41.2	41.5	39.2	39.9	39.9	37.9	36.2	34.6	34.7	33.9	33.1	33.2	32.7	32.9	32.2	
25	31.9	32.0	31.8	30.0	31.0	31.0	31.0	31.0	31.2	31.4	32.0	33.8	33.0	33.2	33.4	32.7	31.3	31.2	31.0	31.1	31.1	31.4	31.8	32.1	
26	31.9	32.1	31.3	30.7	32.9	33.0	33.2	33.5	31.7	31.9	32.1	32.2	33.0	33.5	31.0	31.3	5.29	30.4	31.8	31.4	30.9	32.0	31.5	31.2	
27	30.7	30.4	30.8	31.2	31.0	31.5	32.0	31.6	32.8	32.1	32.8	32.2	32.7	34.0	33.0	33.2	34.0	35.9	35.4	36.3	36.1	36.0	35.9		
28	36.7	35.1	33.0	33.5	33.1	32.3	31.4	30.9	30.8	31.2	32.0	31.9	33.0	34.1	33.2	33.2	34.0	35.4	35.3	35.3	35.4	35.4	35.9		
29	31.1	30.5	27.1	27.3	27.0	27.0	27.5	27.1	24.9	24.3	23.3	24.0	23.3	24.1	23.9	23.4	23.4	23.4	23.4	23.2	23.4	24.5	24.0	23.9	
30	44.0	41.9	40.4	41.7	41.5	42.5	43.3	43.0	45.9	46.3	46.3	46.6	45.9	46.2	46.1	46.3	46.8	46.6	48.0	46.8	37.9	38.0	39.1		
31	40.3	39.1	38.8	38.6	38.3	38.3	37.4	37.0	38.1	40.4	41.6	42.0	42.9	40.9	38.8	37.0	37.0	36.7	38.1	37.8	37.3	39.2			

* Record defective or Instrument out of action. * Reading of Standard.

CISTERN 361 FEET ABOVE MEAN SEA LEVEL.													
2	3	4	5	6	7	8	9	10	11	MIDT.		DAY	
28.920	28.966	29.014	29.062	29.100	29.130	29.166	29.200	29.243	29.282	29.326		1	
29.796	29.812	.838	.856	.867	.878	.890	.898	.908	.909	.918		2	
.880	.882	.872	.862	.856	.842	.832	.824	.808	.808	.786		3	
.621	.612	.623	.631	.629	.629	.627	.623	.617	.617	.620		4	
29.539	29.527	29.513	29.503	29.487	29.459	.435	.399	.377	.341	.293		5	
28.845	28.861	28.845	28.921	28.955	28.995	.041	.035	.027	.028	.028		6	
29.407	29.401	29.409	29.417	29.427	29.423	.431	.431	.441	.457	.483		7	
.699	.710	.728	.729	.736	.736	.748	.757	.758	.766	.758		8	
.626	.620	.608	.598	.591	.586	.571	.568	.552	.546	.538		9	
.529	.529	.537	.553	.555	.570	.571	.571	.575	.577	.577		10	
.529	.512	.470	.428	.392	.346	.302	.278	.250	.216	.186		11	
.283	.297	.325	.345	.363	.367	.385	.398	.405	.399	.399		12	
.353	.371	.393	.409	.419	.429	.435	.451	.476	.507	.523		13	
.865	.879	.885	.903	.929	.943	.933	.953	.961	.967	.975		14	
.905	.880	.854	.826	.800	.816	.834	.836	.844	.841	.858		15	
.860	.888	.908	.900	.926	.923	.924	.944	.948	.958	29.962		16	
29.853	29.845	29.843	29.865	29.885	29.907	29.927	29.955	29.963	29.991	30.013		17	
30.146	30.146	30.152	30.144	30.138	30.138	30.140	30.134	30.128	30.131	.130		18	
.161	.174	.190	.194	.214	.226	.234	.240	.248	.250	.254		19	
.170	.162	.130	.136	.130	30.126	30.111	30.100	30.100	30.102	30.090		20	
30.324	30.022	30.016	30.002	30.002	29.998	29.992	29.982	29.970	29.952	29.940		21	
29.565	29.541	29.513	29.485	29.459	.427	.405	.389	.369	.353	.351		22	
.695	.713	.733	.735	.727	.721	.707	.671	.649	.625	.578		23	
.198	.232	.252	.282	.308	.328	.334	.352	.358	.360	29.362		24	
29.222	29.198	29.182	29.148	29.122	29.098	29.080	29.060	29.040	29.006	28.978		25	
28.880	28.892	28.902	28.916	28.934	28.943	28.962	28.974	28.988	28.996	29.014		26	
29.158	29.181	29.201	29.221	29.237	29.273	29.293	29.325	29.353	29.387	.405		27	
.511	.501	.473	.443	.423	.395	.369	.339	.307	.269	.233		28	
.076	.096	.114	.110	29.116	29.135	.156	.167	.190	.196	.206		29	
.116	.082	.048	.014	28.994	28.978	.006	.092	.129	.156	.186		30	
29.773	29.789	29.815	29.837	29.849	29.867	29.879	29.888	29.889	29.893	29.889		31	

WET BULB THERMOMETER																						7 FEET ABOVE GROUND.									
1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS							
39.9	39.9	40.0	40.0	40.4	40.0	39.0	39.1	39.4	39.1	40.1	41.1	41.5	41.1	40.7	40.0	40.0	40.0	39.9	39.4	38.9	39.5	39.1	39.2	1							
39.0	38.9	38.9	38.0	39.3	39.9	40.8	42.0	42.2	42.2	42.8	42.2	42.8	43.1	42.3	41.1	40.8	39.7	39.0	38.0	37.5	37.3	38.3	38.9	2							
39.9	39.8	40.0	40.1	40.2	40.9	41.5	42.0	42.2	42.9	43.1	43.2	42.5	41.9	42.0	41.5	41.0	41.0	41.1	40.2	39.9	40.0	39.9	40.0	3							
40.0	39.2	39.2	40.0	39.8	39.9	39.8	39.2	39.4	39.9	40.4	40.9	40.9	41.2	41.1	41.1	41.0	41.0	40.9	40.8	40.8	40.1	40.0	40.0	4							
40.0	39.9	39.6	39.2	38.9	39.0	38.7	39.0	38.4	39.0	40.1	40.3	40.2	40.1	40.0	39.9	40.1	40.7	40.2	40.8	40.9	40.8	39.9	39.0	5							
38.7	38.9	38.4	39.0	39.9	40.9	41.1	41.9	43.0	44.3	45.7	46.6	47.8	48.1	48.2	48.0	47.0	46.0	44.5	42.2	41.1	40.0	40.2	40.0	6							
41.0	41.5	40.1	40.1	39.9	39.9	39.1	39.0	37.9	37.2	38.2	39.0	40.1	40.0	39.4	37.6	36.6	36.7	35.0	35.8	35.1	35.8	36.1	35.9	7							
40.0	35.9	36.0	38.0	38.3	38.9	39.9	40.0	41.9	42.9	43.2	43.9	43.9	43.9	43.3	42.9	42.5	42.1	42.3	42.0	42.2	41.9	42.1	41.4	8							
40.0	39.2	38.2	36.8	36.8	37.0	37.2	37.9	38.0	39.0	40.1	41.0	41.8	42.0	42.0	42.0	42.1	42.0	41.9	41.9	41.8	41.1	41.0	40.3	9							
40.4	40.2	40.9	40.8	40.1	40.1	40.1	40.0	39.9	39.7	39.6	40.0	39.9	39.4	38.9	38.0	37.1	36.1	35.7	34.8	34.5	35.1	35.4	35.8	10							
36.0	36.8	37.1	37.1	37.9	37.9	38.8	38.5	38.4	38.8	39.8	39.5	40.0	39.0	38.7	38.8	38.9	39.3	39.9	40.8	41.4	41.9	42.6	44.2	11							
45.9	47.6	48.0	48.9	46.5	44.3	44.1	43.0	42.2	40.4	40.0	40.0	39.2	38.8	38.9	37.8	36.9	36.9	36.1	35.9	35.7	36.1	36.4	36.1	12							
44.6	34.1	35.1	35.8	34.9	34.9	34.9	36.1	35.9	36.8	35.4	35.0	37.7	37.9	38.0	36.9	36.4	36.9	37.0	37.5	37.0	37.1	36.0	36.9	13							
36.8	37.9	37.9	37.1	36.9	35.9	34.1	33.0	32.9	34.8	36.0	36.9	37.2	37.9	37.8	37.1	38.3	39.0	38.1	38.0	37.0	36.8	36.3	36.0	14							
36.0	37.1	37.4	37.3	37.7	37.9	38.1	37.1	36.9	37.9	39.2	39.3	39.9	39.8	40.0	40.1	40.9	41.9	45.1	44.2	43.1	43.2	42.9	42.8	15							
42.1	42.9	43.1	43.1	43.9	44.0	44.1	44.4	44.9	45.0	45.2	45.8	46.8	45.9	45.9	46.0	46.0	46.1	46.2	46.0	46.0	45.9	45.3	44.8	16							
44.0	44.4	44.1	44.6	44.2	43.2	43.0	43.1	43.1	42.9	42.9	43.2	43.1	43.4	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	17							
41.5	40.0	42.0	41.1	41.2	40.2	39.0	39.3	37.3	37.0	38.9	40.9	40.9	40.9	40.1	39.1	38.2	38.8	39.0	39.1	40.7	41.0	40.9	40.2	18							
39.2	38.3	38.8	38.0	38.9	39.0	39.0	39.1	39.0	39.9	41.1	41.9	42.8	42.9	43.0	43.0	42.2	40.4	39.9	38.9	39.5	39.0	38.0	36.9	19							
42.9	33.8	31.5	31.8	31.1	x	28.9	20.2	29.8	...	x	...	36.0	37.9	38.1	37.1	37.0	38.0	38.9	39.0	39.8	39.8	39.9	40.1	20							
40.0	41.8	42.0	42.8	43.5	44.0	44.1	44.2	44.0	45.0	45.4	46.0	46.2	46.1	46.2	46.1	46.2	46.0	45.6	46.0	45.8	45.9	45.7	45.4	21							
45.2	45.9	45.9	45.8	45.0	46.0	45.9	45.8	46.9	47.5	46.9	45.1	45.5	45.7	45.6	45.2	46.0	46.0	46.1	46.9	47.0	47.2	47.0	47.8	22							
41.2	39.0	38.2	37.0	36.2	36.4	36.0	35.9	35.9	36.4	38.9	37.9	38.1	38.4	37.9	37.3	38.1	39.0	38.2	37.4	37.9	38.2	36.2	39.1	23							
38.0	39.1	39.4	40.0	40.2	40.8	41.0	41.2	41.0	39.2	37.9	36.1	34.0	34.0	32.9	31.9	30.1	29.2	28.9	29.7	x	28.1	28.0	39.3	24							
40.0	31.3	31.0	29.9	30.9	30.9	31.0	31.0	x	31.0	31.0	...	x	...	31.0	30.1	30.0	30.2	30.2	30.9	30.9	31.2			25							
x	31.7	30.7	30.1	31.9	32.4	33.5	32.9	31.9	31.3	31.1	31.7	30.7	30.2	30.2	30.2	30.0	30.0	30.2	30.4	29.3	31.2	31.0	30.9	26							
29.9	29.8	30.4	31.1	30.8	30.9	31.2	31.4	31.3	32.4	31.9	31.1	31.0	31.1	30.4	31.0	x	32.0	33.0	33.4	34.0	34.0	34.0	34.2	27							
34.3	34.5	34.8	33.2	32.6	31.9	30.0	28.0	x	30.0	29.8	30.0	31.3	30.2	31.3	32.0	32.0	32.0	32.9	33.2	34.3	34.4	34.2	34.8	28							
35.2	36.0	36.5	37.0	37.9	38.4	40.2	41.0	41.8	41.8	43.2	44.0	44.2	43.2	42.8	42.1	41.8	42.1	41.9	41.9	42.0	43.7	43.3	43.0	29							
35.1	42.0	42.5	43.0	43.6	44.0	44.1	43.0	44.9	45.6	45.8	45.8	45.4	45.0	45.3	45.5	45.7	43.4	43.2	37.0	35.2	36.2	37.2	38.0	30							
37.7	37.0	36.4	35.9	35.9	35.2	35.2	35.7	35.6	36.8	39.0	39.0	40.2	40.4	40.0	38.4	37.0	36.5	36.5	36.3	37.8	37.3	37.0	38.9	31							

8-E	24-W
16-S	32-N

DAYS	1				2				3				4				5				6				7				8				9				10				11				NOV.			
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V												
1	24	55	22	45	22	55	22	45	22	65	22	4	22	4	22	65	22	75	23	3	23	55	23	55	23	55	25	65																				
2	2	45	2	55	2	55	2	45	2	65	2	55	3	65	2	85	2	65	4	105	7	105	5	105	6	65																						
3	4	85	3	75	3	95	2	105	3	11	3	105	3	11	4	85	3	95	3	65	6	45	5	75	7	105																						
4	3	45	3	55	3	55	3	55	3	45	3	4	3	4	3	45	3	55	3	55	3	55	3	55	3	45	3	45																				
5	3	4	3	2	3	4	3	3	3	45	3	4	3	3	3	4	7	4	5	3	6	3	6	3	6	3	6	3																				
6	12	14	12	15	9	17	12	19	10	17	12	28	12	32	12	26	13	24	13	26	14	23	15	25	15	24																						
7	24	36	23	33	23	31	22	22	22	22	22	17	23	12	22	13	20	105	22	12	21	12	21	16	21	15																						
8	24	85	24	4	23	75	23	85	22	75	22	95	23	65	22	55	22	11	22	12	21	13	21	21	21	19																						
9	22	55	22	45	22	4	22	4	16	65	19	4	20	45	18	105	17	85	19	45	18	75	17	12	17	105																						
10	15	16	15	16	16	75	15	13	16	75	17	65	18	55	13	65	12	45	13	4	11	65	11	65																								
11	17	4	17	2	17	15	17	15	17	15	17	15	17	15	17	15	18	4	19	3	19	55	18	105	18	11																						
12	16	34	17	28	18	22	20	22	21	19	20	17	26	21	19	24	23	32	23	32	23	36	23	34	24	32																						
13	19	11	20	85	20	85	20	12	21	105	22	11	21	11	21	13	21	13	20	14	20	16	23	13	23	14																						
14	25	17	22	12	22	105	25	17	27	15	28	75	20	4	20	3	20	3	22	4	21	45	22	55	22	3																						
15	20	65	22	95	22	95	22	95	21	55	21	75	21	75	21	75	21	65	21	85	20	75	20	12	19	105																						
16	22	14	23	22	22	16	19	105	21	17	22	18	22	18	21	21	21	16	21	13	21	15	22	15	20	15																						
17	22	85	23	105	22	75	22	75	21	75	22	105	22	75	21	95	22	85	22	13	22	12	21	18	21	16																						
18	27	25	17	105	24	11	26	13	27	19	10	55	31	3	31	45	6	45	10	3	10	4	19	4	14	4																						
19	22	4	22	2	22	3	22	2	22	15	22	2	22	2	22	2	22	3	22	3	22	45	20	55	20	45																						
20	1	2	1	3	1	4	1	3	1	2	1	4	1	4	1	2	1	3	1	4	1	4	1	3	1	2																						
21	23	3	23	55	23	55	23	55	23	55	22	55	22	4	22	75	22	55	22	55	22	45	22	55	22	75																						
22	22	4	19	65	20	85	20	95	20	11	20	12	20	11	20	15	20	16	21	22	21	26	22	27	21	29																						
23	26	28	27	22	26	16	26	16	26	22	25	14	26	85	18	4	23	75	23	85	20	95	23	105	22	105																						
24	21	22	21	26	21	32	21	29	21	26	21	32	22	28	22	28	22	35	23	32	23	36	26	40	27	28																						
25	26	11	25	12	24	4	24	15	24	15	24	15	22	15	22	15	22	15	22	15	22	4	22	85	22	85																						
26	20	15	20	15	19	15	18	15	20	3	27	17	24	21	26	22	27	23	25	22	27	24	25	27	25	17																						
27	25	75	26	105	24	55	22	95	23	13	22	85	23	14	24	14	24	12	24	18	25	18	25	20	25	21																						
28	25	16	24	18	25	17	24	95	24	85	26	75	23	4	23	2	23	15	23	15	23	2	23	2	23	3																						
29	15	65	19	45	19	55	18	95	18	95	19	13	21	85	22	75	23	85	21	75	21	95	21	14	22	17																						
30	21	11	22	75	21	95	21	85	20	105	20	85	19	85	16	65	19	13	18	12	20	11	21	65	16	13																						
31	26	22	26	19	25	13	25	16	26	15	25	12	25	105	24	13	27	12	26	17	25	20	26	15	26	14																						

RAIN FALL

GAUGE

HEIGHT ABOVE GROUND 2 FEET.

HEIGHT ABOVE MEAN SEA LEVEL 377 FEET

Days	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	NIGHT	
1	.007	.003	.003	.	.	.005	.002	.	.002	.002	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
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5	.	.	.	.	.	.	.	.	.	.002	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
6	.	.	.070	.023	.030	.025	.003	.	.002	.005	.	.005	.	.005	.190	.045	.010	.015	.	.	.	.	.040	.090	
7	.150	.030	.002	.003	.002	.031	.	.010	.	.130	.060	.	.	.	.	.015	.100	.060	.005	.	.010	.002	.	.	
8	.	.	.018	.035	.005	.	.	.030	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.010	.	.	.	.	.	.	.	
10	.	.	.	.	.	.	.005	.005	.010	.015	.	.	.	.	.	.	.	.	.	.	.	.	.	.010	
11	.020	.028	.020	.020	.002	.003	.002	.	.	.	.	.	.	.	.	.	.	.010	.030	.020	.020	.040	.060	.030	
12	.005	.	.002	.010	.115	.003	.005	.005	.010	.	.	.	.	.	.	.	.	.	.	.	.	.	.008	.003	
13	.035	.	.004	.002	.020	.028	.015	.045	.020	.025	.060	.080	.030	.005	.002	.	.	.	.005	.010	.	.	.003	.	
14	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
15	.	.	.	.010	.005	.020	.025	.	.003	.	.	.	.	.	.	.025	.040	.135	.066	.	.	.	.	.	
16	.	.	.	.	.004	.030	.035	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
17	.	.	.	.	.	.	.	.	.	.007	.	.	.	.015	.065	.080	.002	.	.	.	.	.	.	.	
18	.	.002	.	.	.003	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
19	.	.	.	.	.	.	.	.	.007	.010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
20	.	.002	.002	.003	.	.002	.	.	.002	.003	.	.	.	.	.	.	.	.	.	.	.	.	.	.010	
21	.020	.015	.045	.034	.025	.010	.005	.005	.005	.007	.	.	.010	.010	.020	.032	.	.	.003	.	.005	.	.005	.	
22	.015	.030	.020	.005	.	.002	.002	.020	.031	.070	.	.	.	.	.	.	.	.010	.	.002	.	.	.	.015	
23	.020	.010	.	.	.	.	.	.	.002	.	.	.	.	.	.	.	.005	.	.003	.	.	.	.	.025	
24	.010	.	.020	.012	.035	.100	.070	.040	.025	.075	.005	.005	.004	.	.	.	.	.	.	.	.	.	.	.	
25	.	.	.	.	.	.	.	.	.004	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
26	Snow and Rain for 24 hours ending 10am = 308												.	.	.	.	.	.	.	.	.	.	.	.	.
27	Snow and Rain for 24 hours ending 10am = 290												.	.	.	.	.	.	.	.	.	.	.	.	.
28	.010	.	.002	.002	.	.	.	.	.002	.002	.	.	.	.	.	.	.	.	.	.035	.085	.090	.070	.040	
29	.040	.120	.150	.050	.060	.060	.045	.010	.020	.025	.	.045	.010	.090	.085	.060	.040	.010	.100	.115	.060	.060	.005	.002	
30	.	.	.	.	.	.	.	.	.025	.	.045	.010	.	.090	.085	.060	.040	.010	.100	.115	.060	.060	.005	.002	
31	.	.002	.002	.	.	.	.002	.002	.	.	.	.	.010	.	.	.	.	.	.	.	.	.	.	.	

Record defective or Instrument out of action.

WIND VELOCITY IN MILES PER HOUR

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BAROMETER.

WYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1
1	29.101	29.100	29.101	29.110	29.114	29.127	29.146	29.176	29.199	29.228	29.257	29.268	29.281
2	29.620	29.675	29.695	29.730	29.755	29.789	29.819	29.863	29.893	29.930	29.963	29.983	29.994
3	30.127	30.131	30.127	30.124	30.123	30.126	30.132	30.148	30.150	30.150	30.138	30.127	30.116
4	30.034	30.031	30.014	29.992	29.982	29.980	29.980	29.982	29.986	29.985	29.973	29.954	29.936
5	29.944	29.950	29.947	.940	.945	.941	.946	.952	.959	.949	.955	.942	.938
6	.733	.711	.662	.641	.599	.548	.512	.486	.472	.452	.425	.418	.414
7	.709	.735	.756	29.783	29.805	29.831	29.845	29.877	29.891	29.927	29.929	29.922	29.917
8	29.924	29.968	29.989	30.007	30.032	30.050	30.073	30.109	30.135	30.172	30.179	30.180	30.181
9	30.247	30.244	30.234	30.215	30.194	30.194	30.203	30.202	30.206	30.203	30.193	30.167	30.143
10	30.015	.004	29.988	29.966	29.957	29.949	29.949	29.944	29.943	29.952	29.949	29.943	29.935
11	29.997	30.005	30.009	30.023	30.030	30.021	30.027	30.041	30.059	30.085	30.067	30.063	30.055
12	.874	29.857	29.830	29.803	29.763	29.736	29.713	29.702	29.705	29.731	29.740	29.765	29.791
13	29.929	29.918	29.914	29.888	29.865	29.865	29.871	29.879	29.885	29.896	29.894	29.878	29.8-4
14	30.067	30.019	30.036	30.060	30.075	30.096	30.117	30.153	30.172	30.195	30.207	30.226	30.236
15	.433	.436	.444	.453	.454	.461	.472	.480	.494	.498	.490	.476	.465
16	.333	.333	.332	.334	.321	.325	.328	.329	.335	.329	.321	.302	.284
17	.346	.354	.360	.360	.356	.354	.362	.374	.382	.386	.381	.353	.355
18	.387	.402	.406	.421	.424	.441	.458	.475	.497	.515	.513	.504	.508
19	.549	.559	.564	.556	.552	.554	.555	.567	.576	.600	.596	.595	.588
20	.625	.632	.640	.632	.630	.634	.632	.641	.651	.650	.647	.635	.625
21	.537	.532	.513	.502	.497	.485	.483	.489	.486	.490	.479	.463	.449
22	30.419	30.411	30.409	30.385	30.364	30.353	30.333	30.322	.309	.292	.268	.228	.193
23	29.912	29.893	29.881	29.849	29.848	29.908	29.947	29.981	30.015	30.057	30.070	30.068	30.083
24	30.113	30.086	30.062	30.018	.947	.898	.859	.814	29.794	29.743	29.677	29.641	29.601
25	29.796	29.805	29.811	29.794	.783	.775	.781	.782	.785	.772	.748	.715	.700
26	.363	.354	.346	.328	.308	.295	.296	.293	.298	.302	.316	.319	.330
27	.475	.502	.516	.517	.520	.528	.536	29.554	29.578	29.588	29.602	29.593	29.595
28	.873	.904	.919	.930	.939	.954	.978	30.002	30.013	30.025	30.022	30.011	30.008
29	.735	.713	.700	.671	.640	.627	.614	29.603	29.599	29.603	29.605	29.592	29.590
30	.738	.755	.765	.752	.745	.760	.768	.767	29.767	29.762	29.738	29.716	29.696
31	29.560	29.628	29.678	29.725	29.771	29.838	29.895	29.964	30.009	30.058	30.085	30.107	30.136

DRY BULB THERMOMETER 10 FEET ABOVE GROUND.

WYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	420	417	413	424	411	401	410	411	416	420	437	436	452	462	450	479	412	395	380	353	355	367	366	360
2	36.2	370	378	382	386	390	394	400	406	420	457	464	470	467	466	459	450	444	430	420	410	415	417	431
3	432	432	434	438	442	444	442	449	449	454	461	456	460	457	454	456	456	453	453	452	453	454	452	450
4	449	444	439	435	435	431	431	430	431	436	440	448	456	455	450	447	441	439	437	436	432	434	429	429
5	430	443	426	417	411	403	391	397	400	411	429	428	434	434	432	437	427	421	421	418	420	399	403	414
6	423	431	443	448	442	443	441	448	459	470	496	508	522	530	523	520	511	510	502	498	480	464	447	440
7	429	428	427	420	413	409	400	400	417	425	442	460	470	474	470	464	461	457	451	418	412	406	393	381
8	375	373	378	375	377	380	382	380	377	401	432	443	458	475	480	464	449	441	433	436	438	437	431	410
9	410	413	413	414	418	438	441	441	446	456	477	481	489	.i.	.i.	439	425	410	399	383	.i.	382	366	365
10	370	377	373	364	350	343	342	353	360	371	380	389	390	391	390	389	388	371	351	339	333	323	322	330
11	320	315	299	300	307	309	317	323	334	341	360	371	390	401	406	392	388	389	393	406	420	439	453	466
12	471	475	476	477	477	480	481	483	500	493	495	482	480	470	464	464	463	460	408	400	387	385	379	369
13	381	389	396	378	386	395	390	374	366	381	406	415	424	424	428	411	402	394	380	370	356	347	341	336
14	333	333	330	329	331	319	338	347	355	360	380	398	420	424	417	390	378	368	359	355	344	331	327	320
15	320	319	311	306	302	295	303	314	328	340	352	372	388	392	394	396	394	409	427	421	422	436	441	443
16	434	449	456	447	438	434	438	440	442	452	460	468	475	491	478	470	475	483	488	477	476	480	481	478
17	478	464	469	463	463	441	441	436	425	436	444	455	459	458	462	465	462	460	466	469	460	457	439	444
18	460	440	431	420	421	411	404	399	391	400	427	440	447	450	445	442	440	383	358	341	330	333	328	329
19	323	327	338	338	333	331	332	325	324	325	330	324	340	345	356	360	364	365	370	372	376	378	381	386
20	385	380	390	391	392	392	394	396	399	406	413	421	430	430	431	428	421	419	416	411	411	410	407	401
21	402	400	403	401	400	402	408	409	411	419	423	427	436	441	448	445	440	442	440	441	441	440	439	436
22	438	437	438	436	436	439	440	442	451	460	461	465	478	481	483	484	489	486	485	485	483	484		
23	486	480	487	490	486	487	440	431	419	422	433	439	441	440	430	421	402	401	400	390	381	387	380	366
24	360	360	370	381	395	402	411	421	428	423	437	445	461	450	430	421	388	381	373	370	367	361	351	340
25	320	320	323	324	320	318	311	310	312	327	349	370	380	383	383	364	359	350	350	355	354	358	339	334
26	337	337	336	322	318	330	320	328	332	340	373	388	389	390	389	371	361	360	353	351	358	358	341	346
27	339	337	33	331	319	317	313	311	316	338	351	352	366	376	379	361	352	343	342	340	336	338	328	328
28	327	329	320	314	309	301	279	301	310	324	345	351	366	365	361	359	339	330	333	336	348	357	370	381
29	397	408	418	440	453	461	470	478	489	499	503	525	528	520	520	512	504	494	484	471	459	453	461	460
30	400	401	464	445	440	465	467	472	479	491	502	501	503	505	500	499	500	501	505	511	504	493	489	425
31	429	429	428	428	427	422	414	411	411	420	435	441	450	451	448	435	416	408	390	372	365	350	360	343

CISTERN 3.4 FEET ABOVE MEAN SEA LEVEL.												MIDT.		DAYS.
2	3	4	5	6	7	8	9	10	11					
29.297	29.326	29.365	29.400	29.447	29.473	29.506	29.527	29.555	29.578	29.610			1	
30.014	30.038	30.062	30.085	30.103	30.119	30.124	30.136	30.142	30.143	30.142			2	
30.110	30.110	30.114	30.111	30.108	30.096	30.094	30.082	30.074	30.063	30.052			3	
29.932	29.932	29.936	29.940	29.941	29.952	29.955	29.950	29.948	29.942	29.938			4	
.910	.906	.910	.905	.901	.884	.880	.869	.843	.842	.792			5	
.399	.410	.441	.455	.484	.523	.555	.591	.629	.668	.691			6	
29.905	29.884	29.882	29.878	29.880	29.884	29.886	29.902	29.884	29.891	29.907			7	
30.186	30.198	30.218	30.222	30.229	30.233	30.241	30.240	30.243	30.240	30.240			8	
30.125	30.120	30.113	30.107	30.099	30.091	30.082	30.071	30.055	30.053	30.031			9	
29.933	29.943	29.947	29.954	29.963	29.969	29.980	29.987	29.986	29.991	29.997			10	
30.052	30.052	30.046	30.037	30.029	30.023	.996	.982	.958	.950	.912			11	
29.811	29.831	29.857	29.876	29.889	29.903	.923	.949	.957	.954	29.935			12	
29.863	29.862	29.873	29.840	29.902	29.922	29.940	29.959	29.970	29.986	30.001			13	
30.250	30.274	30.301	30.325	30.351	30.364	30.394	30.406	30.407	30.421	.428			14	
.459	.450	.442	.434	.415	.409	.405	.379	.370	.365	.352			15	
.266	.257	.269	.270	.285	.294	.306	.312	.316	.321	.336			16	
.337	.318	.312	.308	.309	.318	.315	.323	.333	.353	.373			17	
.508	.511	.527	.528	.525	.537	.541	.545	.538	.544	.549			18	
.574	.580	.583	.598	.604	.609	.614	.624	.622	.623	.619			19	
.616	.609	.604	.600	.585	.583	.582	.581	.573	.563	.549			20	
.443	.443	.441	.438	.445	.450	.451	.448	30.441	30.435	30.428			21	
.153	.135	.117	.102	.078	.053	.028	.009	29.986	29.957	29.928			22	
30.119	30.137	30.153	30.162	30.171	30.188	30.191	30.182	30.176	30.159	30.130			23	
29.668	29.632	29.666	29.689	29.713	29.744	29.759	29.767	29.778	29.791	29.782			24	
.673	.652	.627	.606	.568	.547	.514	.480	.455	.432	.390			25	
.352	.369	.379	.390	.400	.415	.426	.434	.442	.453	.465			26	
.607	.632	.655	.678	.709	.728	.753	.772	.804	.835	.845			27	
.995	.991	.986	.978	.956	.939	.910	.885	.843	.797	.761			28	
.595	.606	.623	.635	.646	.665	.684	.701	.713	.727	.730			29	
29.668	29.636	29.602	29.570	29.531	29.488	29.447	29.426	29.408	29.415	29.496			30	
30.173	30.203	30.235	30.253	30.276	30.282	30.298	30.313	30.322	30.327	30.320			31	

WET BULB THERMOMETER																						10 FEET ABOVE GROUND.				
1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.		
0.0	40.0	40.0	41.5	40.3	39.6	40.4	40.7	41.0	41.2	43.1	42.9	43.1	43.5	42.1	40.8	39.6	38.5	37.5	35.0	35.1	36.1	36.0	35.1	1		
5.6	36.4	37.1	37.8	38.0	38.2	38.6	39.0	39.5	40.6	43.0	43.6	43.1	42.9	43.1	43.3	42.4	41.5	41.0	40.3	39.8	40.2	40.5	41.8	2		
2.0	42.3	42.2	42.9	43.1	43.3	43.1	43.5	43.9	44.1	44.4	44.7	44.7	44.6	44.9	45.0	45.0	44.8	44.7	44.6	44.5	44.4	44.0	43.8	3		
3.6	43.4	43.0	42.8	42.7	42.6	42.5	42.1	42.2	42.2	42.8	42.8	43.1	43.0	43.0	43.0	42.9	42.8	42.7	42.5	42.2	42.2	42.0	42.1	4		
2.0	41.7	41.1	40.6	40.1	39.5	38.3	39.0	39.6	40.1	41.8	41.7	42.0	41.9	42.1	42.0	41.8	41.2	41.2	41.0	40.9	38.7	39.3	40.0	5		
0.8	41.3	41.9	42.0	43.0	43.1	43.0	43.8	45.0	46.3	48.7	49.8	50.6	51.1	50.6	50.3	49.2	48.0	47.8	46.6	45.4	43.9	42.7	41.8	6		
1.0	40.3	40.1	40.0	39.2	39.0	38.4	38.5	39.8	40.3	42.1	43.4	44.0	44.7	44.2	43.7	43.8	43.4	43.0	40.0	40.2	40.0	39.0	37.9	7		
7.1	36.8	36.8	36.3	36.4	36.6	36.8	36.7	36.5	38.0	40.0	41.0	42.3	43.6	43.7	43.0	42.5	42.0	41.6	41.8	41.9	41.9	41.1	39.9	8		
9.5	40.0	40.0	40.1	40.6	41.8	42.1	42.2	42.3	43.2	44.2	44.0	44.9	*	*	41.7	40.7	39.6	38.7	37.7	*	37.7	36.1	36.2	9		
6.1	36.3	36.2	35.4	34.2	33.7	33.6	34.5	35.0	36.0	36.7	36.8	36.9	36.7	36.3	36.4	36.8	35.8	34.6	33.6	32.7	32.0	32.1	32.8	10		
1.5	31.2	*	30.0	30.1	30.6	31.2	*	*	33.5	35.2	36.2	37.8	38.8	39.1	38.3	38.0	38.0	38.5	39.5	40.2	42.0	43.1	44.3	11		
5.0	45.6	46.0	46.5	46.8	47.0	47.1	47.7	48.1	45.3	45.1	44.3	43.4	43.0	41.9	40.8	39.5	38.6	38.0	37.4	37.0	37.2	36.9	35.9	12		
6.7	37.1	38.1	37.0	37.8	38.2	37.4	36.8	35.9	37.0	38.7	39.3	39.8	39.9	39.8	38.5	37.9	37.5	36.5	35.8	34.9	33.7	33.3	33.1	13		
2.9	32.7	32.4	32.5	32.8	31.0	33.0	33.5	34.1	35.0	36.0	37.3	38.9	39.1	38.9	37.7	37.0	35.5	35.0	34.9	33.8	32.9	32.1	31.8	14		
1.7	31.6	*	*	30.1	29.1	30.0	...	*	...	35.0	36.6	37.7	38.0	38.0	38.1	38.1	39.2	40.2	40.2	40.8	41.8	42.5	43.1	15		
3.0	43.7	44.2	43.6	43.0	42.1	42.0	42.0	42.1	42.7	43.3	44.0	44.7	45.8	44.9	44.0	44.0	44.8	45.1	45.2	45.3	45.9	46.1	46.0	16		
6.0	45.1	45.1	45.0	44.8	43.1	43.1	42.3	41.8	42.4	42.9	43.1	42.9	43.1	43.8	43.9	43.8	44.0	44.5	44.9	44.6	44.1	43.0	43.0	17		
3.2	42.0	41.0	40.3	40.1	39.5	39.0	38.2	38.0	38.6	40.4	41.1	41.9	42.0	41.9	40.7	39.2	37.6	35.5	33.5	32.7	33.0	32.5	32.9	18		
2.1	32.5	33.7	33.7	33.2	33.1	33.0	32.5	32.4	32.3	32.8	32.3	33.9	34.2	35.0	35.7	36.1	36.1	36.8	37.0	37.2	37.6	38.0	38.1	19		
8.2	38.6	38.9	39.0	39.0	39.0	39.1	39.2	39.6	40.3	40.9	41.5	42.2	42.3	42.4	42.0	41.5	41.0	40.9	40.4	40.2	40.2	40.0	39.7	20		
7.0	34.7	39.7	39.6	39.9	39.8	39.9	40.0	40.2	40.7	41.3	42.0	43.0	43.7	44.2	44.0	43.6	43.9	43.5	43.8	43.8	43.0	43.4	43.2	21		
3.2	43.1	43.0	43.0	42.9	43.0	43.0	43.3	44.0	44.5	44.8	45.0	45.9	46.2	46.7	47.0	47.1	47.0	47.0	46.9	46.7	46.6	46.4	46.0	22		
6.1	46.0	46.8	47.2	47.5	48.0	41.8	40.0	38.5	38.4	39.5	39.6	39.7	39.9	39.1	38.8	37.5	37.1	37.7	36.5	36.1	36.7	36.1	35.0	23		
4.5	34.6	35.5	36.2	37.0	37.6	38.8	39.3	40.0	40.7	41.6	42.3	43.4	44.0	37.9	*	35.5	34.0	...	*	...	35.5	32.9	32.5	24		
2.5	32.2	31.4	31.0	30.7	30.5	30.4	30.1	*	31.7	*	34.8	35.0	35.0	35.5	34.4	34.1	33.5	33.7	34.0	34.0	34.0	33.2	33.0	25		
3.1	33.2	33.0	31.9	*	32.0	...	*	...	33.0	35.3	35.9	35.0	35.9	35.2	34.2	33.1	33.1	33.0	33.0	33.1	33.5	33.1	32.7	26		
2.0	31.8	31.1	31.6	30.1	30.0	29.7	29.0	29.6	31.4	32.5	32.5	33.4	33.6	33.8	32.9	32.1	31.5	31.7	31.6	31.4	31.1	30.9	30.5	27		
0.1	30.0	29.5	29.5	28.8	28.1	26.5	28.5	29.0	30.7	32.0	32.1	33.9	33.9	33.8	33.4	33.2	32.7	33.0	33.1	34.0	35.0	36.3	37.7	28		
9.1	40.1	41.1	43.7	45.0	45.8	46.3	47.1	48.0	49.0	49.3	51.0	50.6	49.8	49.3	49.0	48.1	48.0	46.9	45.0	44.5	44.2	45.1	45.1	29		
5.2	45.3	46.7	45.0	45.4	45.5	45.9	46.7	47.2	48.2	49.0	49.0	49.1	49.4	49.0	48.8	48.5	48.9	49.5	50.0	49.2	48.3	47.5	45.9	30		
2.5	39.9	40.0	39.8	39.4	39.0	38.3	37.8	37.8	38.1	39.4	39.9	40.5	40.3	39.8	39.0	38.1	37.7	36.4	35.7	35.1	34.1	34.9	33.5	31		

112 W

OBSERVATORY

LAT: 57.28 N.

LONG: 0.19 W.

WIND

DIRECTION IN NUMBERS

8-E 24-W
16-S 32-N

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		1	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	18	65	18	4	18	45	18	55	18	3	18	2	18	3	18	3	18	2	18	3	18	2	18	4	18	4
2	30	55	31	75	31	75	31	95	30	11	31	95	32	12	32	12	32	95	32	105	2	12	3	15	3	18
3	31	12	31	95	31	95	31	85	32	85	1	11	1	105	2	13	2	13	3	19	2	18	2	13	1	105
4	1	85	1	85	1	75	1	75	1	75	1	75	1	75	1	65	1	65	1	75	1	75	32	105	32	85
5	31	45	31	85	29	85	29	65	29	45	29	3	29	45	29	4	29	31	29	3	29	3	29	3	29	4
6	11	12	12	95	14	15	14	18	13	18	13	22	14	20	15	20	15	23	15	18	16	19	17	12	18	12
7	20	12	20	15	20	15	21	105	21	105	21	105	21	105	21	11	20	11	21	65	21	75	21	95	19	85
8	26	65	26	75	26	75	26	55	26	75	26	75	26	65	26	45	26	45	26	55	22	105	23	85	23	85
9	21	45	21	4	21	2	21	3	21	45	21	65	21	55	21	65	17	85	17	105	16	11	17	15	16	15
10	15	75	15	75	15	75	15	75	15	75	15	105	15	65	15	55	15	65	10	85	10	105	10	105	10	85
11	10	2	10	15	10	2	10	2	10	3	10	3	10	3	10	3	10	4	10	4	10	4	10	4	14	55
12	18	25	18	28	18	25	18	27	18	27	18	30	18	31	18	25	20	22	21	16	21	22	22	18	23	17
13	18	105	18	95	19	12	19	65	19	11	22	14	22	11	21	95	21	85	21	95	20	15	20	15	20	105
14	23	75	23	65	23	65	23	65	23	55	23	45	23	85	23	55	23	95	24	85	24	65	24	75	27	85
15	27	4	27	55	27	4	27	4	27	4	27	45	27	3	27	4	27	55	20	75	23	3	23	65	23	45
16	20	12	20	11	22	105	22	85	22	65	22	95	22	85	23	15	23	11	24	16	23	14	23	11	24	105
17	27	85	26	4	26	45	26	4	26	45	26	4	26	65	23	45	23	75	22	65	22	55	22	11	24	15
18	29	12	27	13	27	105	27	65	28	95	29	85	29	95	29	75	28	55	28	75	28	85	29	95	30	65
19	30	4	30	4	30	4	30	4	30	3	30	4	30	3	30	4	30	4	30	3	30	3	30	45	30	3
20	30	15	30	2	30	15	30	15	30	15	30	15	30	15	30	15	30	2	30	2	30	2	30	2	30	4
21	30	15	30	4	30	2	30	4	30	2	30	2	30	2	30	3	30	45	30	3	30	4	30	3	30	4
22	30	45	20	45	20	65	20	65	20	55	20	75	20	85	20	95	19	105	19	12	19	11	19	12	20	17
23	21	18	21	18	21	18	21	19	22	13	30	19	29	105	29	13	29	105	27	105	28	16	27	15	27	14
24	23	75	23	85	20	11	20	15	19	19	20	19	21	21	21	22	21	22	20	22	20	23	21	19	23	22
25	24	65	24	45	24	65	24	75	24	85	24	55	24	45	24	45	24	65	24	65	25	65	23	95	23	85
26	20	3	20	3	23	55	26	65	26	4	21	85	21	85	20	12	20	85	22	11	24	16	24	23	25	24
27	26	13	25	12	25	105	25	11	24	75	24	105	24	75	24	85	24	85	24	85	24	13	23	105	23	105
28	24	12	24	105	24	95	24	85	24	75	24	65	24	3	24	45	24	55	24	45	24	45	24	55	24	45
29	15	75	15	65	16	105	17	12	18	11	18	12	18	14	18	15	19	16	19	14	19	17	20	15	21	12
30	20	11	20	95	20	85	20	105	20	12	20	105	20	105	18	75	18	12	17	12	18	19	18	17	18	22
31	27	28	26	25	25	19	26	20	26	20	26	21	26	19	26	19	26	22	27	19	26	23	26	20	26	18

RAINFALL

GAUGE

HEIGHT ABOVE GROUND 2 FEET
HEIGHT ABOVE MEAN SEA LEVEL 20 FEET.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1																								
2																								
3																								
4																								
5																								
6																								
7																								
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28																								
29																								
30																								
31																								

* Record defective or Instrument out of action. ** Obtained from reading of Standard

AND VELOCITY IN MILES PER HOUR																																			
2		3		4		5		6		7		8		9		10		11		MIDT														DAY	
D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V		
28	75	29	65	28	65	28	65	1	3	1	3	1	3	1	4	30	75	30	75	30	45														1
3	17	3	12	2	14	1	14	1	16	1	15	1	15	1	11	1	95	32	95	32	95														2
32	11	32	95	32	85	32	75	32	95	1	85	1	95	1	95	1	11	1	11	1	85														3
31	75	31	55	31	45	31	45	31	75	31	75	31	55	31	45	31	45	31	55	31	4														4
29	3	29	15	29	2	29	2	29	3	29	4	29	4	29	45	10	75	12	75	12	105														5
18	16	18	14	21	11	20	11	22	17	22	14	22	11	22	13	22	105	21	11	21	12														6
19	75	19	75	19	65	19	75	19	4	29	95	29	55	29	45	29	45	29	55	26	75														7
22	105	23	95	23	55	21	75	21	45	21	45	21	95	21	55	21	55	21	3	21	4														8
16	15	16	105	16	75	16	65	16	4	16	55	16	45	16	55	16	4	16	4	16	45														9
10	105	10	105	10	85	10	65	10	2	10	3	10	2	10	45	10	2	10	4	10	3														10
16	85	17	45	17	85	17	85	17	55	17	85	17	11	17	15	17	17	18	18	18	23														11
23	16	22	105	22	11	22	105	21	12	21	13	22	12	22	75	22	65	22	55	22	75														12
20	105	21	13	22	95	22	95	23	65	23	85	23	65	23	4	23	75	23	55	23	55														13
27	95	27	75	27	45	27	55	27	45	27	4	27	65	27	55	27	45	27	55	27	45														14
22	75	22	85	20	85	18	11	18	14	18	14	19	12	19	14	19	12	20	13	20	14														15
23	12	24	18	24	17	25	16	26	15	26	20	26	17	27	16	28	16	28	15	28	95														16
24	95	22	11	23	105	23	14	23	85	23	75	23	105	24	105	25	85	25	65	27	95														17
30	45	30	3	30	3	30	4	30	2	30	3	30	45	30	3	30	2	30	4	30	55														18
30	3	30	3	30	2	30	2	30	2	30	15	30	15	30	15	30	15	30	15	30	15														19
30	3	30	2	30	2	30	2	30	3	30	4	30	4	30	4	30	2	30	15	30	4														20
30	45	30	3	30	2	30	2	30	15	30	3	30	3	30	3	30	3	30	4	30	55														21
19	20	19	18	20	19	20	19	20	17	20	16	20	16	20	20	20	16	20	18	21	18														22
28	11	27	85	26	55	26	75	26	55	26	45	26	65	26	55	26	75	27	95	23	65														23
26	30	27	28	26	23	26	23	26	25	26	18	26	15	25	14	25	15	25	105	24	55														24
23	65	21	75	21	55	21	65	20	65	20	45	20	4	20	45	20	3	20	3	20	3														25
24	19	24	15	24	13	24	12	24	18	24	12	24	13	23	15	24	12	26	13	26	14														26
25	13	24	15	24	11	24	105	24	105	24	12	24	11	24	11	24	75	24	85	24	12														27
24	45	24	45	24	55	18	105	18	65	17	75	14	75	14	95	14	105	15	12	15	17														28
21	12	21	12	22	16	23	12	22	13	21	105	21	105	21	105	21	105	20	75	20	105														29
17	20	17	22	17	23	16	20	16	21	16	18	16	18	19	18	19	12	22	18	26	28														30
26	18	26	17	25	12	25	105	25	105	25	75	25	65	25	65	25	55	25	55	23	45														31

VAPOUR TENSION. IN INCHES, BY GLAISHER'S TABLES, 5TH EDITION.																																			
1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT											DAYS	
225	228	232	252	241	238	244	249	250	249	271	268	254	253	235	231	225	222	218	201	200	205	205	195												1
202	208	212	222	222	222	225	226	230	237	247	252	235	234	239	251	241	230	234	231	231	234	238	250												2
253	260	255	265	265	267	265	265	274	273	273	285	280	282	292	292	292	291	288	287	284	281	273	271												3
267	269	266	267	264	267	265	257	258	252	256	251	250	248	253	257	262	262	262	259	260	255	256	258												4
255	248	243	240	236	233	232	230	239	236	252	251	251	249	255	253	255	248	248	247	243	231	229	231												5
238	239	239	235	263	263	264	273	288	306	332	346	348	350	346	343	327	299	302	291	272	258	251	240												6
235	233	220	225	217	216	215	217	224	226	244	252	253	264	260	254	260	255	252	237	237	239	234	225												7
214	212	206	200	200	201	201	203	202	206	213	221	233	240	237	240	244	243	244	244	244	245	235	233												8
225	232	232	234	239	242	245	247	243	252	250	242	254	254	230	233	227	221	219	219	210	207	210													9
202	198	201	196	188	186	186	191	193	199	203	196	197	193	186	189	197	195	195	189	178	177	181	184												10
170	171	171	167	157	166	167	167	185	197	203	214	221	221	222	220	219	225	230	229	245	253	265													11
274	282	290	301	308	309	311	323	312	258	252	247	232	233	219	217	206	201	199	196	202	207	207	199												12
202	202	213	210	218	217	207	211	203	207	214	216	217	219	213	205	203	205	199	196	195	182	181	182												13
182	178	175	180	183	159	178	178	181	183	190	196	205	205	207	212	210	194	194	196	187	185	174	177												14
175	174	174	166	166	153	161	161	156	202	210	214	216	216	214	213	216	220	222	228	239	244	254	263												15
266	269	273	269	267	253	246	244	244	245	250	263	262	271	263	253	248	257	259	271	275	283	286	288												16
288	284	278	283	279	266	266	255	257	257	257	250	243	248	259	257	259	265	269	274	278	270	266	260												17
248	244	233	231	226	224	222	212	217	218	226	226	234	233	236	237	221	217	205	185	182	186	181	187												18
180	183	192	192	188	189	186	185	184	181	184	182	194	196	197	206	208	208	216	218	216	222	227	224												19
22	23	236	237	236	236	234	235	240	247	251	255	259	262	263	257	253	247	248	243	238	239	239	240												20
233	241	237	238	238	241	235	236	238	240	248	259	269	280	282	280	279	283	277	282	282	279	275	275												21
272	271	267	272	268	266	265	268	274	276	282	281	286	289	299	305	301	302	299	300	296	294	292	281												22
282	285	297	303	315	247	233	214	200	195	203	199	199	203	199	203	196	190	202	190	191	197	192	186												23
184	186	191	193	194	198	221	213	217	236	239	244	251	203	175	175	156	156	156	156	156	156	156	156												24
161	160	163	153	151	150	157	151	151	165	165	179	173	170	179	178	178	174	178	179	180	177	181	183												25
182	184	181	177	177	167	167	167	167	165	184	181	165	179	168	167	159	160	162	163	161	168	177	163												26
157	156	148	146	140	140	139	126	133	148	155	155	159	153	155	155	149	146	149	149	150	149	147	141												27
134	131	128	134	124	117	112	127	127	147	152	149	167	168	171	166	169	182	184	183	186	196	206	221												28
232	239	249	281	295	305	306	315	323	335	339	354	340	330	318	320	308	317	303	274	277	277	288	289												29
292	293	299	288	292	293	300	313	318	326	332	333	334	339	334	330	322	331	342	347	335	326	311	218												30
207	214	217	215	207	205	196	193	193	192	199	202	206	201	196	192	195	194	188	193	189	186	191	182												31

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